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1938  
Vegetable  
Luncheon

COLLECTION

- 1 pkt. Scarlet Dawn  
Tomato (page 34) . . . 10c
- 1 pint Marcross Sweet  
Corn (page 16) . . . 35c
- 1 pint Early Bird Peas  
(page 26) . . . . . 30c  
(Value 75c)

All Postpaid  
For . . . . . **60c**

# BOLGIANO'S

## CAPITOL CITY SEEDS

### 1938

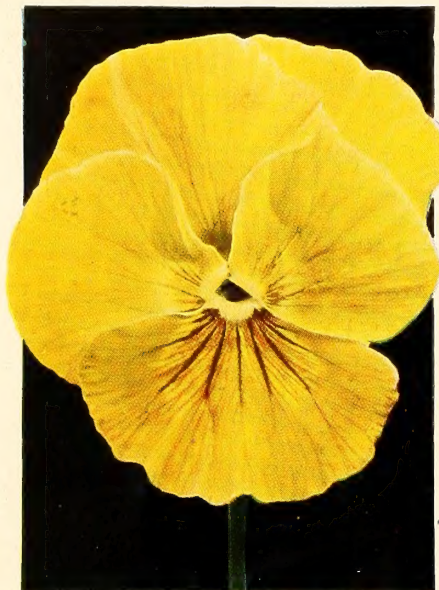
### WASHINGTON, D. C.



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# New and Wonderful FLOWERS

every one a WINNER. All American Selections ..... ENJOY THEM



## Pansy Coronation - It's Gold

A Gorgeous All-America 1938 Winner

They reach 3 inches across the flower. Claimed the largest yellow-gold variety with ruffled edges.

Pansy lovers will enjoy growing these new beauties in the garden.

Price per packet .....25c



## Antirrhinum Celestial

A real "Snap" that captured the Award of Merit for 1938

An importation from Holland. Majestic 10-inch spikes in a glorious multi-colored shade of salmon-rose.

Garden enthusiasts will surely want to plant these lovely flowers.

Price per packet .....25c



## Petunia Hybrida Topaz Rose

This new flower was given special mention by the All-America committee.

It's a really worth-while and colorful addition to any garden. We are pleased to recommend it.

Price per packet .....25c



## Calliopsis, Golden Crown

The judges gave this new variety the Award of Merit because of its superior characteristics, combining size with a color of rich yellow or gold.

Unusually fragrant, and excellent for cutting because of their long 12-inch, wiry stems.

AN INTRODUCTION FROM ENGLAND  
Price per packet .....25c

**SPECIAL OFFER**  
1 large packet of each  
(\$1.30 value), postpaid... **\$1.10**



## Jubilee Gem Centaurea

An Outstanding 1937 Winner

Grows in a compact form 12 inches high, with a strong color of royal blue.

These flowers are double.

Price per packet .....15c



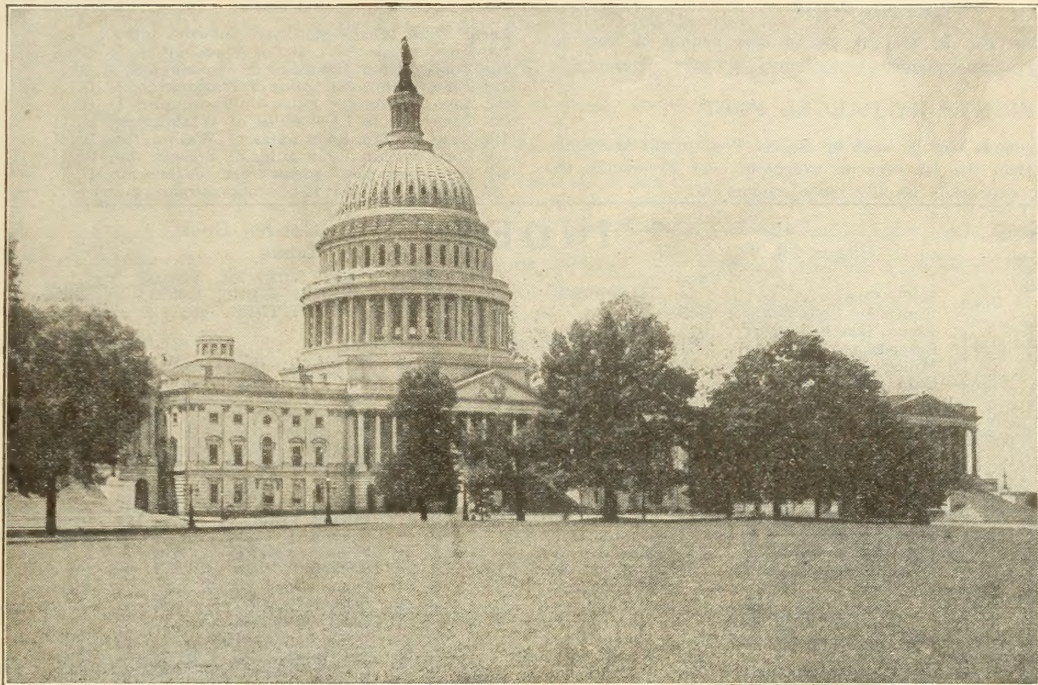
## Marigold Harmony

A Dwarf French Variety

One of the best of the 1937 winners. Should be in every garden.  
Price per packet .....15c

# BOLGIANO'S LAWN GRASS SEED

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## BOLGIANO'S FAIR GREEN LAWN GRASS

With Creeping Bent

The need of a top grade lawn seed using bent grass in the mixture has been proven by the popular acceptance of this mixture among our customers.

We are glad, therefore, that our efforts, in combination with the best grass experts, to produce a truly fine mixture has met with such favor. The grasses in Fair Green Mixture were selected on the basis of years of experimentation on lawn and golf course work here in Washington. For a base there is still nothing superior to Kentucky Blue Grass, which remains evergreen all winter. Then there's a grass that resists the dry summer weather; one to grow quickly giving an even sod in a short time; the old favorite white clover that most people want in abundance, and finally bent grass to give that dense undergrowth and velvety appearance so wanted by all. 1 lb. 50 cts.; 5 lbs. \$2.25; 25 lbs. \$11.00.

## FOR PUTTING GREENS

Our special mixture for putting greens is unsurpassed. Write for prices.

Write for Our Free Booklet "How to Make and Maintain a Lawn."

## WHITE HOUSE "SHADY NOOK" LAWN GRASS SEED

It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade and as it blends well with our Capitol Park Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a beautiful carpet of green. Lb. 40 cts.; 5 lbs. \$1.75; 25 lbs. \$7.75.

## BOLGIANO'S "CAPITOL PARK" LAWN GRASS SEED

It is composed of the very finest varieties of grasses, thoroughly re-cleaned, 99 per cent free of weed seeds. Contains a well-balanced blend of various American and foreign fine-bladed and deeply-rooted grasses which has proved to produce the best results under the varied conditions as to soil and climate met with in America. It will give a green, smooth, velvety sod with a thick bottom and free from such varieties of common grasses as produce clumps and knots on the lawn which so frequently spoil the desired smooth and deep effect. Lb. 35 cts.; 5 lbs. \$1.50; 25 lbs. \$6.50.

## FOR FAIRWAYS

We have a special mixture for fairways. Write for prices.

## RUBBER HOSE

We make a specialty of GARDEN and SPRAY HOSE. Our prices compared with department store hose are cheaper and quality better.



We guarantee our Hose. This we believe to be the best, longest lasting hose on the market.

3/4-inch Hose, 2 Braid Molded—50 ft.....	\$7.50
3/4-inch Hose, Golf Course Special—100 ft.....	18.40
5/8-inch Hose, 2 Braid Molded—50 ft.....	6.95
5/8-inch Hose, 1 Braid Molded—50 ft.....	3.65
3/8-inch Spray Hose.....	14 cts. per ft.
Nozzles .....	50 cts. each

Write for special quantity prices on hose

## HOSE REELS

Little Giant .....	\$2.50
Tilting Frame .....	3.50

(See pages 72 and 73)

# Parcel Post and Packing Rate Table

Seeds, Plants, Bulbs, Roots, Garden, Lawn and Poultry Supplies

## SIZE OF PARCEL THAT CAN BE SENT BY PARCEL POST

Size of package that can be sent by Parcel Post cannot be over 100 inches in length and girth combined.

## WEIGHTS BY PARCEL POST

Parcels up to 70 pounds can be sent by Parcel Post to all the zones. To points farther than the 4th zone on weight of over 10 pounds, the charge by freight or express is usually more economical.

## POSTAGE AND PACKING RATE TABLE

	First pound or fraction	Each additional pound or fraction
Local Rate, Washington and Suburbs only.....	7c	1/2c
1st Zone, within 50 miles of Washington, D. C....	8c	1 1/2c
2nd Zone, within 150 miles of Washington, D. C....	8c	1 1/2c
3rd Zone, within 300 miles of Washington, D. C....	9c	2 c
4th Zone, within 600 miles of Washington, D. C....	10c	3 1/2c
5th Zone, within 1,000 miles of Washington, D. C....	11c	5 1/2c
6th Zone, within 1,400 miles of Washington, D. C....	12c	7 c
7th Zone, within 1,800 miles of Washington, D. C....	14c	9 c
8th Zone, over 1,800 miles from Washington, D. C....	15c	11 c

A fraction of a cent in the total amount on any parcel counts as a full cent.

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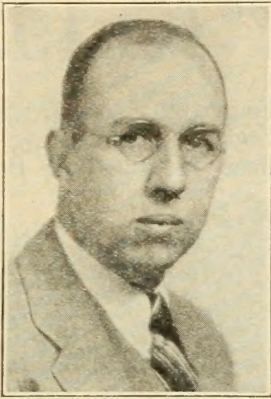
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# Thank You



CHARLES W. BOLGIANO  
PRESIDENT  
F. W. BOLGIANO & CO.

We wish it were possible to thank you personally for the enjoyment we have had from our very pleasant business relationship during the past year, and sincerely hope that this relationship may be continued to our mutual advantage.

It has been our honest desire to serve you better each year. Our additional seed treatment equipment surpasses all of our former efforts to assure the proper treatment of various seeds.

Gold Tag Fertilizers will be of the same high quality and have been accepted by our many friends as the best. They are offered on page 80 of this book.

Cordially yours,

CHARLES W. BOLGIANO,  
OR MISTER CHARLES.

P. S. Bolgianos have sold seeds continuously for five generations, so our experience is older than yesterday. Our plant is built to serve the needs of tomorrow.

## F. W. Bolgiano & Co. Have Two Stores Both Located in Washington

411 New York Ave., N. E.



607 E Street, N. W.

Bolgiano is pronounced BALL-JAN-O

## HOW TO ORDER

**SEEDS DELIVERED FREE.** We pay postage on all Packets, Ounces, Quarter Pounds, or Pounds of Vegetable and Flower Seeds, ordered at list prices. This also applies to Peas, Beans, and Sugar Corn by the Packet, Pint and Quart; larger quantities than these, carrying charges extra. This DOES NOT APPLY to Field and Grass Seeds, Seed Potatoes or Flowering Plants, which will be sent at regular Parcel Post or Express Rates.

**OUR TERMS** are always cash with order, or satisfactory New York, Philadelphia or Washington reference.

**MONEY** can be sent at our risk by Post-Office or Express Money Order, New York or Chicago Draft, or by registered letter. We cannot hold ourselves responsible for cash sent loose in letters.

**AN ORDER BLANK** for your convenience in placing your order will be found in this catalog.

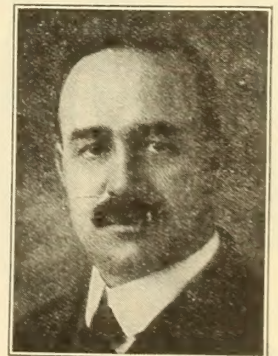
**NAME AND ADDRESS** should be written plainly both on the Order Blank and on the envelope enclosing the order. Names of seeds and plants should be written out in full in plain writing.

**EXPRESS or FREIGHT** shipments should have the name of the station plainly given where different from the post-office.

**GIVE FULL DIRECTIONS** always whether shipment is to be made by freight, express or parcel post.

**ORDER EARLY.** We aim to fill all orders within twenty-four hours after receipt. Please do not wait until the extreme rush season when there are more chances for delay.

**WE GUARANTEE** our seeds, plants, etc., to reach our customer in good condition. We give no warranty, expressed or implied, as to description (including kind, variety and name) quality or productiveness, or any other matter of any seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. There are many reasons why seeds do not always turn out as desired such as sowing too deep or too shallow, in too wet weather, cold weather, or too dry soil, or too wet soil, insects which do not only destroy the seeds, but often the young plants, about the time they appear at the surface of the ground. For these causes we cannot guarantee seeds or the crop.



FRANK W. BOLGIANO  
FOUNDER  
F. W. BOLGIANO & CO.

# Bolgiano's "Seeds that Succeed" for 1938

## "Best in Garden" Varieties

We respectfully call to your attention those varieties marked "Best in Garden." These do not in every case represent our latest introductions, but they do represent those varieties that stand out conspicuously in any garden as the "Best in the Garden." You are playing safe by planting liberally of these varieties.

## ASPARAGUS

One ounce to 50 feet of drill  
About 4 pounds to the acre

**CULTURE.** Sow the seed thinly in rows 1 foot apart in April or May (4 to 5 pounds to the acre) and keep down all weeds. To secure strong, healthy plants, thin the seedlings to 3 or 4 inches in the rows, saving only the strongest. The one-year-old plants should be set out in the spring in rich, sandy loam, dug 18 inches deep, into which has been worked a plenty of well-rotted manure. If a stiff clay soil is all that can be had, add a plenty of sand and sifted coal ashes to loosen it up, and also see that it is well underdrained. In planting for private use, set out in beds 5 feet wide, 3 rows in a bed, the outer being each 1 foot from the edge, and allow 18 inches between rows. Set the plants from 4 to 6 inches below the surface. If set out in autumn, top-dress with 6 inches of manure.

**167. Mary Washington.** This variety which has been selected by the United States Department of Agriculture has proven to be nearly rust free. The shoots are thick and heavy. They are long and straight with closely folded tips. The color is rich dark green tinted deeper at the tips. It is a very heavy yielder of exceptionally fine flavor. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts., postpaid.

## ASPARAGUS ROOTS

Plant either in spring or fall. By mail, 20 cts. per 100 extra.  
**WASHINGTON.** 2-year-old roots. 12 for 50 cts.; 100 for \$1.40; 1,000 for \$8.50.

## ARTICHOKE

One ounce will produce about 500 plants

**CULTURE.** Sow seeds in January in the greenhouse or in hotbeds in March. Transplant when large enough in rows 3 feet apart, 2 feet in the row. Cultivate when growing, freely, and protect the plants in winter by taking them in a cellar or in a cold frame, or they may be left outdoors protected by straw in a climate that is not too severe. Artichokes properly cared for last for several years.

**248. Green Globe.** Pkt. 10 cts.; oz. 40 cts.

## BEANS

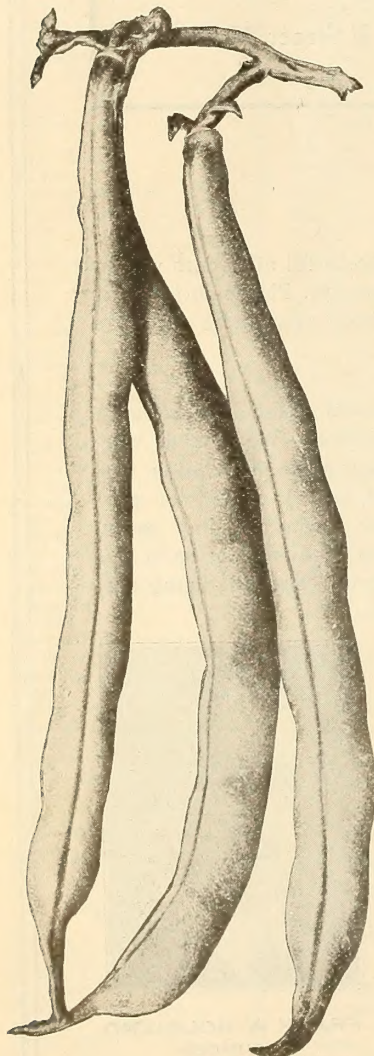
(Green Podded Bush)

One quart will plant 100 feet of drill; 1 to 2 bushels to the acre.

### 521. Tendergreen Beans

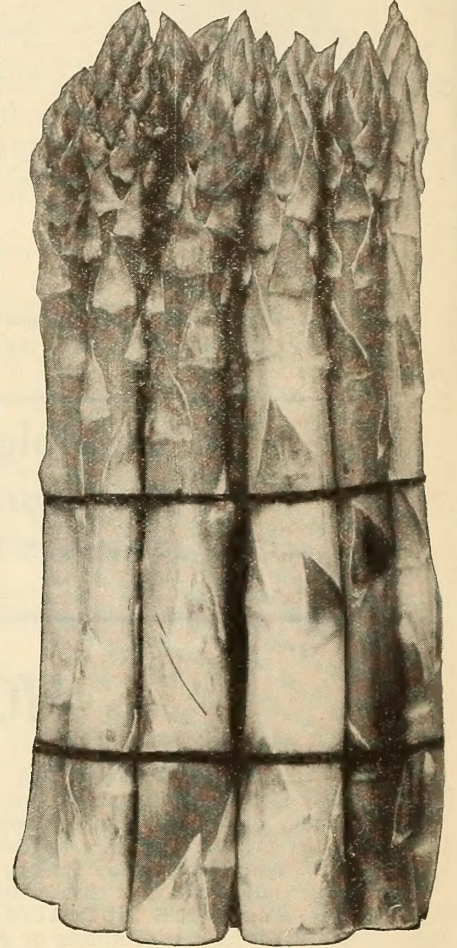
(Ready to pick in about 48 days)  
("Best in Garden" Variety)

A most prolific producer of round, meaty, tender pods, 6½ to 7 inches in length and absolutely stringless. Color a very attractive beautiful deep green. The quality and flavor of the pods are unexcelled. Produces a strong upright bush vine about 1½ to 2 feet in height and matures in about seven weeks after sowing the seed. Splendid for canning because they retain their color and delicious flavor just as if freshly picked from the vines. You will be delighted with this bean if you give it a trial. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.90 bu. \$7.00.



Tendergreen Beans

We Pay Postage on All Vegetable Seed Ordered by the Pkt., Ozs., ¼ Lbs. and Lbs. Excepting Peas, Beans and Corn. On These We Pay the Postage Only on Pkts., Pts. and Qts. Larger Quantities Carrying Charges Extra.



Mary Washington Asparagus

**CULTURE.** About the first of May, if the ground is perfectly warm, select a warm, dry sheltered spot; dig and manure slightly; make drills 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds. Sow every 2 weeks for a succession. For mailing, see Parcel Post Rates, page 2.

Seed beans weight by Parcel Post, including packing: Pt., 2 lbs.; Qt. 3 lbs.; 4 Qts., 9 lbs.; Pk. 17 lbs.

**10591. Bolgiano's Stringless Green Pod.** (Ready to pick in about 47 days.) A superior strain for home or market use, absolutely stringless, producing heavy crops of long, meaty pods. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.10; bu. \$7.75.

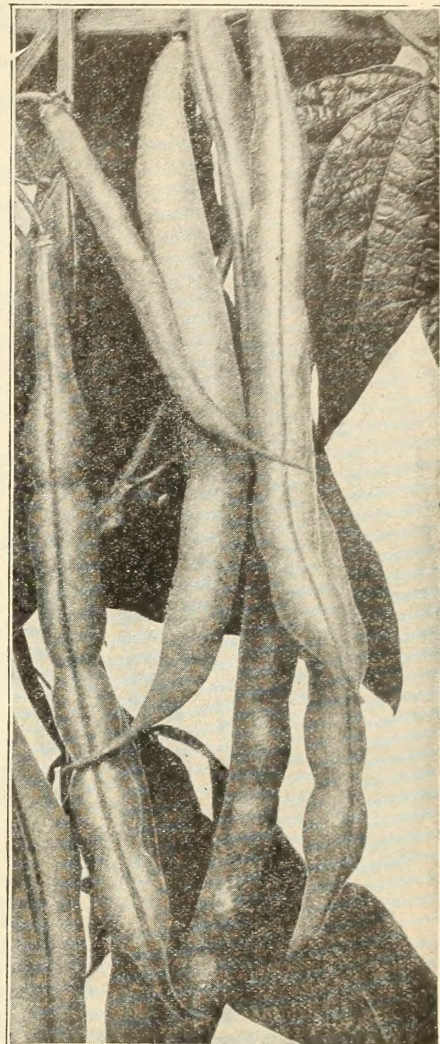
Beans Are Most Delicious When Gathered Fresh from Your Own Garden



Parcel Post Rates  
See Page 2

## BEANS—Green Podded Bush

No matter how small or how large your garden, you certainly want to devote some space to beans. There is hardly any crop that will repay you more for your time and efforts. They are very healthy and nutritious. Beans are vigorous growers and abundant producers. Plants of the greenpod bush varieties range from 15 to 20 inches tall. The beans are most delicious if they are picked before they reach full size and the plants will continue to bear much longer. The early varieties will mature in from 45 to 65 days.



Bolgiano's Stringless Greenpods

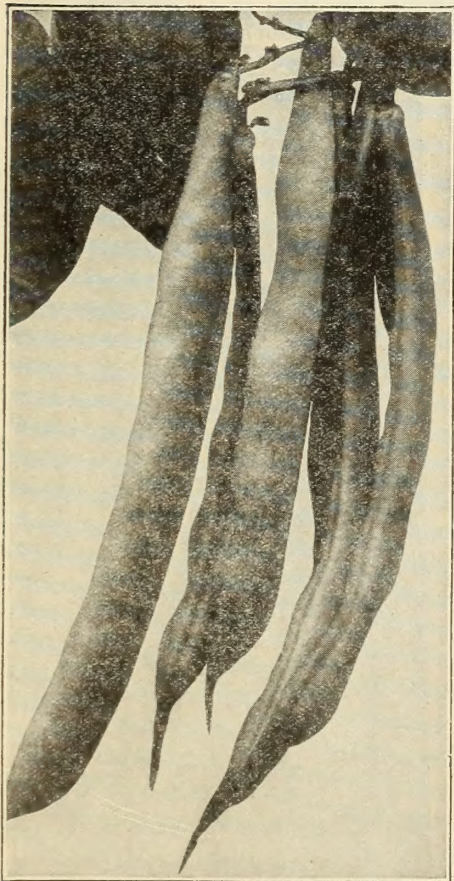
**570. Stringless Black Valentine.** ("Best in Garden" Variety.) (Ready to pick in 45 days.) Retains all the good qualities of Black Valentines and adds stringlessness. Early. Plant is very hardy, upstanding, dark green and very prolific. Pods  $6\frac{1}{2}$  to 7 inches long, oval round, nearly straight, meaty stringless, fine quality and delicate flavor. Good for home, market gardeners and shippers. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.95; bu. \$7.25.

**593. Red Valentine.** (Matures in about 47 days.) The pods are of good quality and medium in color and size. Its ability to produce a crop under adverse conditions together with earliness makes it one of the market grower's favorites, as well as ideal for the home garden. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.95; bu. \$7.25.

**591. Giant Stringless.** (Matures in about 50 days.) Used more universally than perhaps any other bean, being very popular among home gardeners, market growers, and canners. Exceedingly handsome and productive, with very long, nearly round pods of medium Stringless Green Pod and are matured a few days later. The plants are vigorous, being large and spreading. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.90; bu. \$7.00.

green color. The pods are straighter than Stringless Green Pod and are matured a few days later. The plants are vigorous, being large and spreading. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.90; bu. \$7.00.

**595. Stringless Green Pod.** (Matures in about 47 days.) A very early and prolific variety having long, round, fleshy, medium green pods. It has a long bearing season, making it very desirable for the small garden. It is larger than Red Valentine and retains its crispness and tenderness longer. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.95; bu. \$7.25.



Early Bountiful Beans

**587. Early Bountiful.** (Matures in 45 days.) One of the very best beans grown both for home and market, also valuable for early shipping. Plants are large, thrifty and prolific. They produce very early and if picked when young will continue to bear for a long time. Pods clear rich green,  $6\frac{1}{2}$  to 7 inches long, over  $\frac{1}{2}$  inch wide, flat  $\frac{3}{8}$  inch thick; fleshy, strictly stringless, brittle and tender. Seeds are straw yellow. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.95; bu. \$7.25.

**589. Full Measure.** (Matures in 48 days.) A fine quality bean that has gained popularity as a market variety and is also satisfactory for home planting. It is early, an abundant producer and bears for a long season. Entirely stringless. Pods are similar in size and shape to Giant Stringless. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.10; bu. \$7.75.

**509. Tennessee Green Pod.** (Matures in about 45 days.) This early intermediate snap bean is very popular in some sections of the south and where known in other parts of the country is considered of exceptional merit. It is the longest podded dwarf sort. The plants are large, somewhat spreading and prolific. The foliage is dark green, with leaves large and crumpled. The pods are very long, often six to seven inches, flat, irregular in shape, bright but rather dark green and of exceptionally fine flavor. The green shell pods are much depressed between seeds. Seed of medium size, oval, flat, yellowish brown in color. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.10; bu. \$7.75.

**584. Dwarf Horticultural.** (Matures in about 54 days.) Very productive pods of medium length with splashes of red. Always stringless and desirable for cooking when young. The green shelled beans are of the finest quality and are matured early. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.15; bu. \$8.00.

**513. French Horticultural.** (65 days.) An excellent shell bean. Pods 7 to 8 inches long; broad, marked with vivid carmine. Very attractive appearance. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.35; bu. \$8.75.

**519. Boston Pea, or White Navy.** (Matures in 90 days.) The most popular of all the so-called baking beans. Easily grown and very productive. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.00.

## WAX BEANS

Seed Beans weight by parcel post, including packing:  
4 qts., 9 lbs.; pk., 17 lbs.

### 585. Bolgiano's Best Yet Wax.

("Best in Garden" Variety.)

(Ready to pick in about 45 days.)

Among the finest of late introductions. It is erect and bushy in habit of growth, bearing heavily rich lemon yellow, flat pods which are brittle and absolutely stringless. Its resistance to disease assures wonderful yielding qualities that recommend them highly to the home grower, trucker, and canner. You will fall quite in love with their tenderness and delicious flavor and, after growing them once, they will be assured of a permanent place in your garden. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.15; bu. \$8.00.

### 592. Sure Crop Stringless Wax.

(Matures in about 50 days.) A very fine flavored tender bean. The pods are fleshy, nearly round, and excellent quality, but being somewhat later are used more by market and home growers. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.00; bu. \$7.50.

### 588. Pencil Pod Wax.

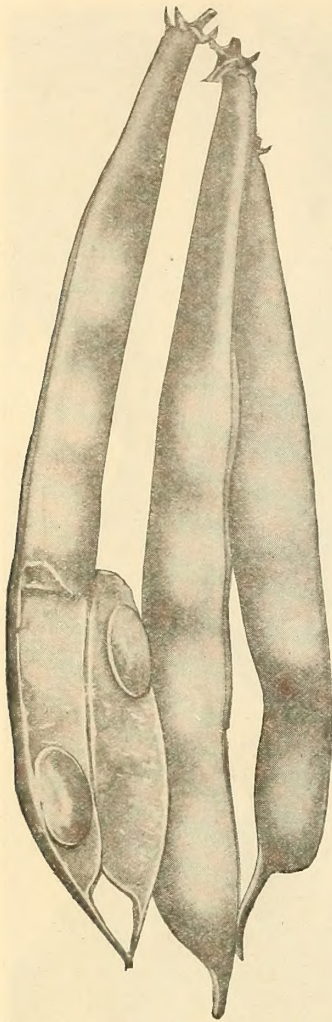
(Matures in about 50 days.) A medium early stringless sort, which is used by market growers and home gardeners. The very fine, long, bright yellow pods are produced through a long season, on plants that are fairly hardy and quite productive. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.10; bu. \$7.85.

### 594. Improved Rust-Proof Golden

Wax. (Matures in about 48 days.) An early and valuable sort for home and market garden. Plants upright, very prolific, medium dense with drooping branches and highly disease resistant. Our improved strain of Golden Wax, rust-proof to a remarkable degree, early thick, flat, yellow, perfectly stringless, clean and fine flavor. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.10; bu. \$7.85.

### 583. Bolgiano's New Wax.

(Matures in about 45 days.) The pods are absolutely stringless, are round and clear light yellow in color. The plants are very vigorous and branching in habit, producing medium sized round pods in abundance. It is unusually free from rust and quite early. A splendid variety in the home garden or for market use. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.10; bu. \$7.85.



Bolgiano's Best Yet  
Wax Beans

## Climbing, or Pole Beans

### 581. Kentucky Wonder, Old Homestead.

(Matures in about 65 days.) This variety is one of the earliest and most desirable of all the green podded running types. It is enormously productive; the pods, hanging in great clusters from base to top of pole, are of a silvery, green color and entirely stringless, growing rough and spongy as the beans ripen. They cook deliciously tender at all times and are very popular among home and market gardeners. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.95; bu. \$7.25.

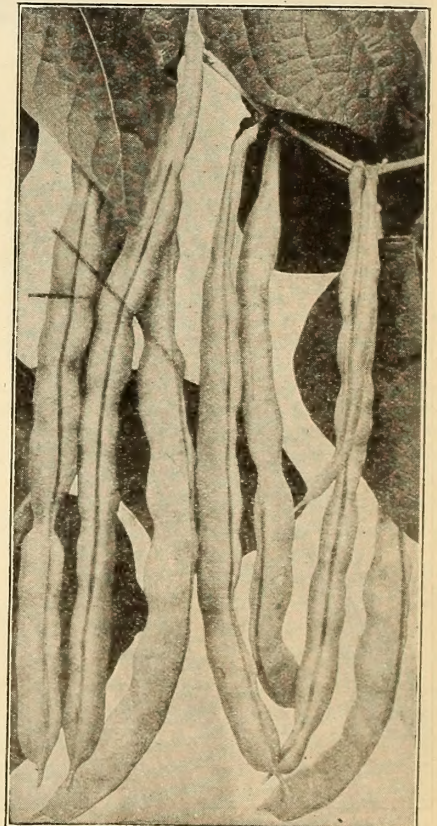
**518. Lazy Wife.** (Matures in about 72 days.) One of the best for snaps of the later green podded pole beans. The numerous pods, borne in large clusters, are 5 to 7 inches long, broad, thick, fleshy, and entirely stringless. When young they have a rich buttery flavor, which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed, white. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.95; bu. \$7.25.

**590. Cherry Pole, Horticultural, or Cutshort.** (Matures in about 75 days.) Vines moderately large, light colored leaves; pods short, pale green, but becomingly streaked with bright red; beans large, oval, splashed and spotted with wine-red, and of the highest quality either green or dry. Many people like them better than Limas. Adapted for cool locations and short seasons. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.95; bu. \$7.25.

**516. Burger's Stringless Green Pod.** (Matures in about 65 days.) White-seeded Kentucky Wonder. The pods average 6 to 8 inches in length, are uniformly straight, of a rich, dark green, and so meaty as to be really saddle-backed. The pods are as entirely stringless as the popular Stringless Green Pod Bush Bean; they are equally tender and of similar sweet, mild flavor. The dry beans are pure white. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.15; bu. \$8.00.

**520. Golden Cluster Wax.** (Matures in about 70 days.) Extra strong in growth and very productive. The pods are of large size, 7 to 8 inches long by 3/4 inch wide. Although flat, the pods of a rich golden yellow, are stringless and of excellent flavor. The dry seeds are thick and pure white. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.15; bu. \$8.00.

**213. Scarlet Runner.** (Matures in 75 days.) In northern locations, where the summers are cool and short, this takes the place of the Large Lima Beans. Plants are strong, quick growth, bearing large sprays of bright scarlet, pea-like flowers. When fully ripened, the dry beans are of bright scarlet, heavily blotched with purple. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts., postpaid.

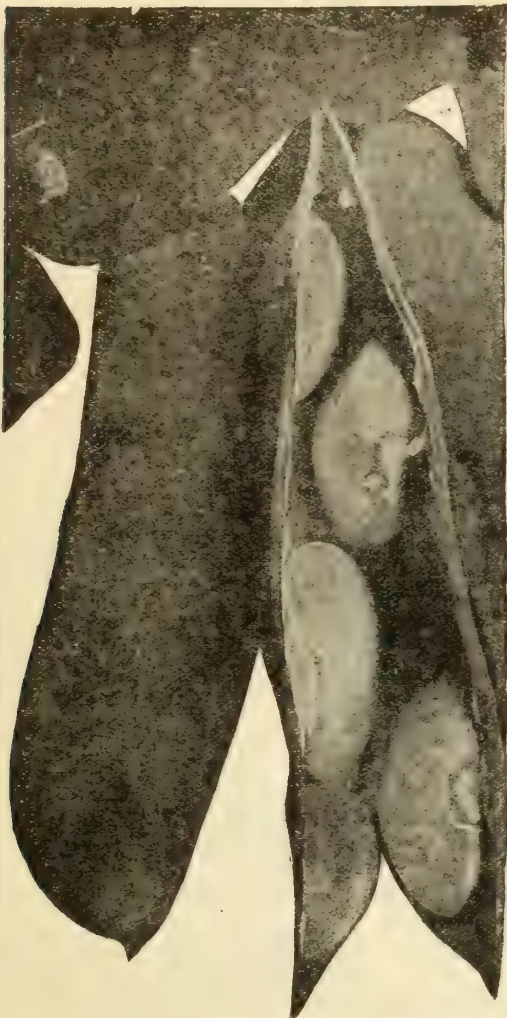


Kentucky Wonder Beans

We Recommend Spraying with Magnesium Arsenate for Mexican Bean Beetle

Parcel Post Rates  
See Page 2

## BEANS—Bush Lima



**Bolgiano's Enormous Bush Lima.**

delicious dried bean for winter use. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.95; bu. \$7.25.

**578. Dreer's Bush Lima.** (Matures in about 65 days.) Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.40; bu. \$9.00.

**10571. Wood's Prolific Bush Lima.** (Matures in about 65 days.) Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.00; bu. \$7.50.

One qt. to 150 hills; 10 to 12 qts. to acre

### Pole Limas

Parcel Post Rates  
See Page 2

**CULTURE.** Choose light soil and make small hills 3 feet apart, having previously spaded deeply and fertilized. Plant long poles 2 feet deep in the center of the hills. Allow 6 beans to each hill, covering them barely beneath the surface, their eyes downward. Do not allow more than 3 to climb a pole, but remove extra plants to hills where less than 3 have sprouted. The lima bean is very delicate, and often from slight causes fails to sprout. They should not be planted until the ground is warm.

**573. Bolgiano's Evergreen Pole Lima.** ("Best in Garden" Variety.) (Matures in 85 days.) Fine flavor; tender, thin skin, and cooks quickly. Bears continually until frost. The yield is enormous, of large pods hanging in clusters, filled full of the most delicious beans. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.40; bu. \$9.00.

**579. King of the Garden.** (Matures in 85 days.) Its vine has a luxurious growth which abounds with large pods, often 6 to 8 inches long, and filled with 5 or 6 perfect beans to a pod. These beans are large and luscious and remain green when dry. Medium early in season. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.25; bu. \$8.50.

**10569. Bolgiano's Enormous Bush Lima.** ("Best in Garden" Variety.) (Ready to pick in about 75 days.) This wonderful Bush Lima is very early, large and best of all bush limas; the vigorous bushes are crowded with enormous pods. The delicious green beans are larger than any other Lima Beans. It yields continuously from June until frost. Both the pods and the luscious flavored beans are much larger and considerably thicker than the large bush lima. The seed beans are greenish and very handsome, while the dried beans of the large bush limas are pure white. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.50; bu. \$9.50.

thick, large-sized beans of excellent flavor. It produces a magnificent crop for market or home garden. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.40; bu. \$9.00.

**576. McCrea's Lima.** (Matures in about 65 days.) Entirely new and different. Strong, stocky bush with big root system. Small pods like a baby lima, but beans large, thick, potato type. Will stand cold and wet weather in the spring much better than other large seeded varieties. Will stand extreme heat in summer much better than other large seeded limas. Green-seeded, retaining a green tint when cooked. Unusually sweet flavor. Very prolific. Pods in a crown setting with three to five beans in a pod. An ideal home garden lima. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts., postpaid; pk. \$2.50; bu. \$9.50.

**571. Henderson's Bush Lima.** (Matures in about 65 days.) It has merit in being productive and very early for family use, and where one prefers a small-sized butter bean it has no superior. Makes a

**577. Bolgiano's "Emerald Isle" Pole Lima Bean.** (Matures in 85 days.) The mammoth pods measure 7 to 8 1/4 inches long, and 1 1/2 to 2 inches in width. The vigorous growth of the vines will train rapidly over an arbor, and it is worth seeing the massive pods hanging in great clusters. You will really enjoy growing the "Emerald Isle"; it is early, fine flavor, and bears abundantly until killing frost. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.40; bu. \$9.00.

**575. Fordhook Bush Lima.** (Matures in about 75 days.) Sometimes called the Potato Bush Lima. The plants are vigorous and erect bearing pods well above the ground. The medium green pods average nearly five inches long and are borne in heavy clusters. They are well filled with thick meaty beans which retain their green tint when dried. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.50; bu. \$9.50.

**569. Improved Large Bush Lima.** (Matures in about 75 days.) An early large green seeded sort, quite vigorous and productive. The pods are very large, medium green, and are well filled with



**Bolgiano's Evergreen Pole Limas**

## BEANS—Pole Limas (Continued)



Pole Limas

**10577. Carpenteria Pole Lima.** (Matures in 85 days.) A most desirable pole lima for the home and market garden. The vines are strong growing and vigorous, producing an abundance of fine, large, medium green pods, 5 to 6 inches long, usually closely filled with four beans of largest size, much thicker than the average pole lima. The color is distinctive in having a decided greenish tint, an indication of very finest quality. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.40; bu. \$9.00.

**580. Early Leviathan.** (Matures in 83 days.) One of the best early variety in cultivation. Vine very tall and strong; pods long and borne in clusters; beans large and white. It is early strong-growing and prolific. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.25; bu. \$8.50.

**574. Potato Pole or Improved Challenger.** (Matures in 78 days.) This is the potato pole lima, the beans being about the same size and shape as Fordhook. It is an early type, of delicious flavor and quite popular among home and market gardeners. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts., postpaid; pk. \$2.60 bu. \$10.00.

**510. Carolina or Sieva.** (Matures in 78 days.) In the south this is familiarly known as the "butter bean." It is very early, vigorous and productive. The seeds are small and white but of good flavor. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$2.00; bu. \$7.50.



### NITRAGIN FOR GARDEN USE

Every garden needs Nitragin; garden size is for Peas, Sweet Peas, and Beans, including Lima (3 in one Inoculent.) Price.....10c

## MANGEL-WURZEL BEET For Cattle Feed

Four Pounds to Acre

Matures in 90 to 110 days

**97. Improved Sugar Beet.** Large growing sort; rich in sugar, hardy and very productive. Oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**53. Golden Tankard Yellow-Flesh Mangel.** Deep yellow-fleshed, of milk-producing quality. Oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**49. Giant Mangel-Wurzel.** The heaviest cropper, of mammoth size; fine quality. Oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**204. New Jumbo Mangel.** For milch cows and cattle generally. The New Jumbo Mangel has no equal. It is a milk-producer of the highest quality. Oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 45 cts. lb.; 5-lb. lots, 40 cts. lb., postpaid.

## BROCCOLI

**235. Broccoli Italian Green Sprouting or Early Green Calabrese.** ("Best in Garden" Variety.) Rapid Growing. Produces a large head at center of plant in about 90 days from date of planting. Resembles cauliflower only in shape or formation as the color is dull



Italian Green Sprouting Broccoli

bluish green. After the center head is removed, the plant produces many branches, each bearing smaller terminals and lateral heads which are as fully de-

sirable as the first heads produced. If these heads are gathered as soon as they become large enough for use, the plant will continue to produce for a period of from eight to ten weeks. If served in the same way as asparagus makes a

very tasty dish fully equal to cauliflower. Sow in the Spring, Summer or Fall and cultivate same as cauliflower. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.00; 2-lb. lots, \$2.70 lb.; 5-lb. lots, \$2.50 lb., postpaid.

**168. Salad Broccoli.** (100 days.) This is the type that is grown nearby, usually in Maryland, Delaware and Virginia. Yields an abundance of excellent salad greens. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 65 cts. lb., postpaid.

## SWISS CHARD, or SPINACH BEET

The leaves make splendid greens when cooked like Spinach, and the leaf stalks are particularly palatable if prepared in the same manner as Asparagus. The culture is the same as for Beets, and it can be grown throughout the entire summer.

### 145. Large Ribbed White (45 days.)

Produces broad white leaf stalks. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 65 cts. lb., postpaid.

### 214 Lucullus. (45 days.)

Plants growing 2 to 2 $\frac{1}{2}$  feet tall with many creamy white curled leaves carried on broad, thick stalks. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85 cts.; 2-lb. lots, 75 cts. lb.; 5-lb. lots, 65 cts. lb., postpaid.



Swiss Chard.

1 ounce to 50 feet of drill **BEETS** 5 to 6 pounds to the acre.

Prices Include Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

**CULTURE.** Our beet seed is grown from selected transplanted roots and have given truckers and market gardeners, who appreciate a high standard of perfection, the utmost satisfaction. The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked. When the plants are large enough, thin out to stand 6 inches apart in rows; continue sowing for a succession as late as the middle of August. Keep well cultivated.

The early varieties mature in 40 to 50 days; the midseason and late varieties require 70 to 100 days. Beets can readily be kept for winter use by packing them in slightly moist earth and storing in a cool cellar.

**218. Bolgiano's Extra Early Superb.** (40 days.) ("Best in Garden" Variety.) Has taken the lead among early turnip-shaped Beets entirely by superior merits of everything pertaining to a Beet to make a recognized leader. It is very early, indeed; it is 8 to 10 days ahead of any other early sort now offered. The shape is uniformly perfect, being entirely free from fibrous side roots, which are so objectionable; in fact, it is the smoothest Beet within our knowledge. The flesh is a rich, dark blood-red, tender, crisp, and deliciously sweet, besides having a very small top; is an ideal variety for bunching. Will produce a good crop inside of six weeks from sowing. Is excellent as a forcing sort or as a main crop. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00; 2-lb. lots, 85 cts. lb.; 5-lb. lots, 80 cts. lb.; 10-lb. lots, 75 cts. lb., postpaid.

**47. Good for All.** (Matures in about 54 days.) This is a selection of Detroit, bred to produce uniform roots which can be harvested when  $1\frac{1}{4}$ - $1\frac{1}{2}$  inches in diameter, especially for canning and pickling. It is almost perfectly globular, smooth and uniform in size, with deep crimson even color inside. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00, postpaid.

**68. Long Smooth Blood.** (75 days.) We recommend this Beet to be of great value. Its roots are of an attractive shape, its flesh is dark red and very tender and sweet. As a fall and winter beet it has few equals. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 65 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 55 cts. lb., postpaid.

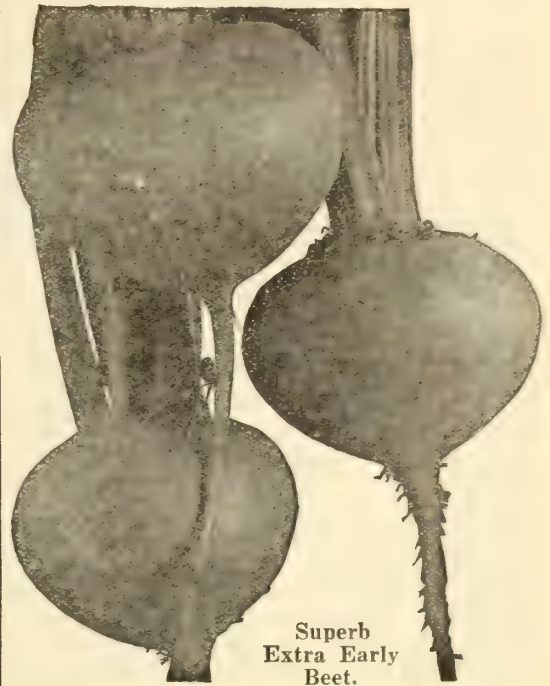
**45. Wonderful Early Spring.** (45 days.) Extra quick in maturing, small tap root, small tops, deep dark red color, fine-grained flesh; a splendid variety for early market. Grown in hot beds, cold frames or open ground. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 65 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**108. Bolgiano's Extra Early Eclipse.** (45 days.) It is valuable for home gardens and indispensable for market gardens. It is remarkable for very rapid growth, the perfect flesh, and for its dwarf foliage. Roots bright, glossy red, very fine grained. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 65 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

**127. Early Blood Turnip.** (50 days.) A bright red, medium early beet of very good quality for home or garden use. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 65 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.



Early Blood Turnip Beet



Superb  
Extra Early  
Beet.

**10103. Bolgiano's Deep Blood Beauty.** (45 days.) Our long experience in the growing of Beets has shown this strain of Beet to be one of the Best Extra Early Deep Blood Turnip Beet. Roots are globular and peculiarly smooth; color is of blood red, very crisp, tender, fine-grained and sweet, remaining so for a long time. We believe our excellent new stock will produce a crop uniform in shape, color and of superior quality. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 70 cts. lb., postpaid.

**142. Pink Crosby.** (45 days.) One of the best and earliest beets for growing either out of doors or under glass. The shape is very desirable. Perfectly smooth. Color of flesh a light pink. The foliage is scant. An excellent all-season beet. Just the kind for Market Gardeners. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 85 cts. lb.; 10-lb. lots, 80 cts. lb., postpaid.

**125. Crosby Extra Early.** (45 days.) A very superior strain of blood-red Egyptian, carefully selected for years by Mr. Crosby, a noted market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not flat like the ordinary Egyptian, nor so round as Eclipse. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 65 cts.; 2 lb. lots, 60 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

**103. Detroit Dark Red.** (50 days.) One of the best deep red Turnip Beets for market gardeners or home use. Its small upright-growing tops, medium early maturing, and fine globular shape and color of the roots make it very popular with every one who plants it. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb.; 10-lb. lots, 55 cts. lb., postpaid.

By Planting Beets Every Two Weeks You Can Have a Continuous Supply for Summer and Winter

## CABBAGE

Prices Include Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

One ounce of seed produces about 2,500 plants.

Four ounces will grow enough plants to set an acre.

**CULTURE.** For very early use sow in January or February in hotbeds; put out when the plants are strong enough into other hotbeds, or sow in cold frames in March; transplant, when danger from killing frost is past, to open ground in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July in rows  $2\frac{1}{2}$  feet apart and 2 feet in the row. Cabbage succeeds best in fresh, rich soil, well manured and deeply dug or plowed.

### Extra Early Varieties

#### 80. Jersey Wakefield Selected Stock. (65 days.)

Here is the earliest pointed head cabbage. Our selected stock produces few outer leaves and has medium sized, solid heads which mature all at one time. Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.80 lb.; 5-lb. lots, \$1.65 lb.; 10-lb. lots, \$1.50 lb., postpaid.

**122. Big Winner Wakefield. (65 days.)** No other cabbage of which we have knowledge has aroused such enthusiasm among cabbage growers as has our "Big Winner." It has the same general characteristics of other Wakefield Cabbages, the head being conical with a rounded or blunt point. It is, however, far superior to other strains of Wakefield Cabbage, being much larger in size and better quality, and at the same time is fully as early. It has few outer leaves, permitting close planting. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb. \$2.75; 2-lb. lots, \$2.50 lb.; 5-lb. lots, \$2.35 lb.; 10-lb. lots, \$2.25 lb., postpaid.

**105. Large Charleston Wakefield. (75 days.)** True Long Island grown. About 5 to 10 days later than Early Jersey Wakefield; the heads are fully one-half larger and can easily be planted 20 inches in the rows. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.25; 2-lb. lots, \$2.00 lb.; 5-lb. lots, \$1.75 lb.; 10-lb. lots, \$1.60 lb., postpaid.

**299. Golden Acre. (60 days.)** This early, round-headed cabbage closely resembles Copenhagen Market in type. It is eight to ten days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed cabbage. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb. \$2.75; 2-lb. lots, \$2.50 lb.; 5-lb. lots, \$2.25 lb.; 10-lb. lots, \$2.10 lb., postpaid.



Bolgiano's New Early Cabbage

Large Charleston  
Wakefield Cabbage



**128. Bolgiano's Early Large York. (65 days.)** This is a very valuable early variety. The heads are round, heart-shaped and very firm. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.25; 2-lb. lots, \$2.00 lb.; 5-lb. lots, \$1.85 lb.; 10-lb. lots, \$1.75 lb., postpaid.

### Early Varieties

#### 117. Bolgiano's New Early Cabbage. (70 days.)

("Best in Garden" Variety.) Has gained its present pre-eminence among vegetables through merit alone. We would not wish you to think it the earliest cabbage offered, for in season it follows the Wakefields. It is in production and quality, however, that we find it excelling other market varieties. The immense hearts develop with remarkable rapidity and are noticeable for the very small growth of outer spreading leaves, making it possible to grow more New Earlys to the acre than other more spreading sorts. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.25; 2-lb. lots, \$2.00 lb.; 5-lb. lots, \$1.85 lb.; 10-lb. lots, \$1.75 lb., postpaid.

**333. Copenhagen Market. (75 days.)** The heads average about 10 pounds each in weight, are very solid and of fine quality. It matures as early as Charleston Wakefield, and will give a heavier yield per acre than that well-known variety. The plant is short-stemmed, the leaves always tightly folded. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.80 lb.; 5-lb. lots, \$1.60 lb., postpaid.

**129. Allhead Early. (80 days.)** It is the earliest of the large heading cabbages. The deep flat heads are remarkably solid and the most uniform in color, form and size. It is really an all-the-year-round Cabbage, being equally good for winter if seed is sown about August. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.85 lb.; 5-lb. lots, \$1.75 lb.; 10-lb. lots, \$1.60 lb., postpaid.

**115. Succession. (85 days.)** True American grown. The heads become solid long before they are fully grown, so that heads of satisfactory size may be cut long before it is at its best. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.75; 2-lb. lots, \$1.65 lb.; 5-lb. lots, \$1.55 lb.; 10-lb. lots, \$1.50 lb., postpaid.

# CABBAGE—Continued

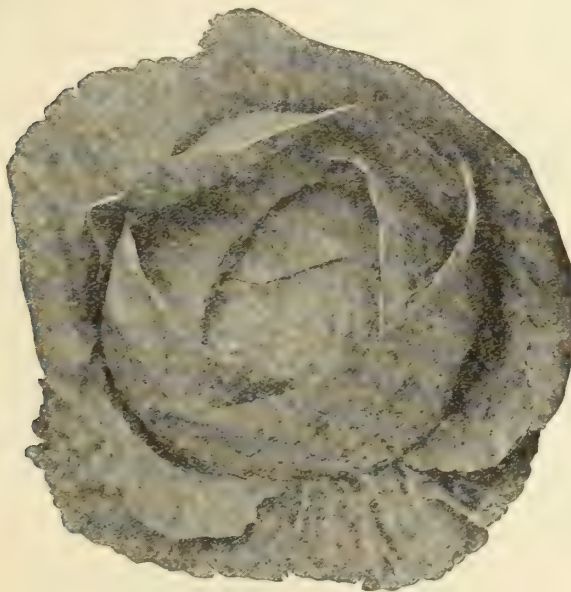
Prices Include Postage on Pkt., Ozs., ¼ Lbs. and Lbs.

## Late, Fall and Winter Varieties

**315. Wisconsin All Season (Yellows or Wilt Resistant Strain).** (90 days.) Selected from All Season. Highly resistant to yellows or wilt. Type similar to All Season Drumhead shape. Short stem. Seldom bursts. Heavy yielder. Pkt. 10 cts.; oz. 30 cts.; ¼ lb. \$1.00; lb. \$3.50; 2-lb. lots, \$3.25 lb.; 5-lb. lots, \$3.00 lb.; 10-lb. lots, \$2.75 lb., postpaid.

**336. Wisconsin All Head Select (Yellows or Wilt Resistant Strain).** (85 days.) This variety has been bred for resistance to the cabbage yellows or sometimes called wilt and is very valuable where the cabbage crop is likely to suffer from this disease. A heavy yielding type selected from All Head Early. The heads are large, spreading and have a remarkably solid heart. Pkt. 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00; 2-lb. lots, \$3.75 lb.; 5-lb. lots, \$3.50 lb.; 10-lb. lots, \$3.25 lb., postpaid.

**312. Marion Market.** (75 to 80 days.) A yellows resistant strain of Copenhagen Market. Larger and coarser in plant, and not so early nor so uniform as the original strain, but with the round head and crisp tenderness of the parent cabbage. Will produce a normal crop on yellows infected soils where non-resistant strains fail completely. Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50, postpaid.



Extra Large, Late Flat Dutch

**89. Extra Large Flat Dutch.** (110 days.) This is an old favorite and standard with all gardeners and truckers. Its large size, solidity, uniformity and good keeping qualities make it most valuable for a late crop. Our strain being a quick maturing type will aid the grower to avoid trouble from pests. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. \$1.75; 2-lb. lots, \$1.65 lb.; 5-lb. lots, \$1.55 lb.; 10-lb. lots, \$1.50 lb., postpaid.

**233. Bolgiano's Superior Stock Large Late Drumhead.** (110 days.) This splendid Cabbage produces enormous heads and is an all-head Cabbage. Its good keeping quality makes it a first-class sort to carry over winter or for long distance shipping. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.85 lb.; 5-lb. lots, \$1.75 lb.; 10-lb. lots, \$1.65 lb., postpaid.

**329. Danish Roundhead.** (110 days.) A late variety, but matures earlier than the Danish Ball Head. The heads are round and have a short stalk, and for solidity is ahead of all others. The interior leaves are pure white and of sweet flavor. It is a healthy variety and able to stand hot weather and resist disease. Danish grown. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.85 lb.; 5-lb. lots, \$1.75 lb.; 10-lb. lots, \$1.65 lb., postpaid.

**124. Drumhead Savoy, Bolgiano's Improved Perfection.** (110 days.) Uniform heads, beauty of curl, large size and superior keeping qualities. Its great vigor recommends it as a reliable crop for home and market growers. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50; 2-lb. lots, \$2.25 lb.; 5-lb. lots, \$2.10 lb.; 10-lb. lots, \$2.00 lb., postpaid.

**281. Mammoth Red Dutch.** (110 days.) The largest red cabbage and heads very solid, and is deep red color to the very center. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. \$2.75; 2-lb. lots, \$2.50 lb.; 5-lb. lots, \$2.30 lb., postpaid.

## Pe-Tsai, Chinese or Celery Cabbage

This Chinese vegetable has become very popular in many large cities. Heads are easily blanched and may be used as a salad or boiled like cabbage. Plants are rather tender and will not stand frost.



Pe-Tsai, or Chinese Cabbage

**257. Chihli.** (65 days.) A very early sure heading Chinese Cabbage. Grows 18 to 20 inches tall and about 3½ to 4 inches thick. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50, postpaid.



Perfection Brussels Sprouts

## 216. Pe-Tsai, Chinese or Celery Cabbage.

(70 days.)

Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 65 cts.; lb. \$2.25; 2-lb. lots, \$2.00 lb.; 5-lb. lots, \$1.75 lb.; 10 lb. lots, \$1.60 lb., postpaid.

## BRUSSELS SPROUTS

The plants are very hardy and may remain outdoors during the winter in many locations. The quality and flavor of the sprouts are much improved by frost. Seed should be sown the same as it is customary to sow for late cabbage.

## 290. Perfection.

(90 days.)

Grows about 2½ feet high. Very productive. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. 2.00, postpaid.

## FROST PROOF CABBAGE PLANTS

READY FOR IMMEDIATE DELIVERY

Mature Heads Two to Three Weeks Earlier Than Your Home-Grown Plants

Our plants are grown in the South where there is found a soil and climatic conditions just suited for growing tough, hardy cabbage plants during the Winter and early Spring. Here the plants develop slowly but steadily until they are ready for shipment at eight to ten weeks of age, having developed at this time purple buds and reddish brown outer leaves. They are then very tough and hardy, and can be shipped north for long distances where they may be planted in the open ground a month to six weeks sooner than the more delicate hot-bed or cold-frame plants.

FROST-PROOF CABBAGE PLANTS will stand a temperature of 20 degrees above zero, the land freezing, or being covered with ice, sleet or snow, without injury.

Although the roots grow from the time they are planted, the tops of the plants do not start until regular Spring weather opens up, at which time the established root growth takes up the fertilizer in the soil and the plants grow very fast, maturing headed cabbage two to three weeks sooner than you can mature them from hot-bed or cold-frame plants. You know what the difference in profit will be if your crop is matured and marketed before the general crop from home plants is matured; but,

To get the advantage of these Frost-Proof Cabbage Plants, they must be planted a month or six weeks earlier than you would plant home-grown plants.

Our cabbage plants are grown from the best Long Island grown seed, and are shipped direct from our growing station by Parcel Post or Express. We can fill orders from December 1 to May 1.

The plants when received will be somewhat wilted and have a hard stunted appearance, which will be disappointing to persons who have never used these plants before. Regardless of this, they will produce the crop results. We guarantee good order delivery on parcel post shipments.



WILL  
DOUBLE  
YOUR  
PROFITS

### Early Jersey Wakefield, Charleston Large Type Wakefield Succession, Early Flat Dutch

Prices by parcel post, postage prepaid: 100 to 400 plants at 45 cts. per 100; 500 for \$1.40; 1,000 or more for \$2.00 per 1,000 plants.

Prices by express, buyer paying charges: 1,000 to 4,000 at \$1.25 per 1,000 plants; 5,000 to 8,000 at \$1.00 per 1,000. Plants are packed for parcel post shipment—100, 200, 300, 400, 500 or 1,000 plants to the package; for express shipment—1,000 or 2,000 plants to the package. Order only in these quantities. We pack only one variety to the package.

### CORN SALAD

One ounce will sow about 18 square feet and six pounds will sow an acre.

112. Broad Leaved (Large Seeded). (50 days.) Delicious salad used during the winter and spring months as a substitute for lettuce, and is also cooked and used like Spinach. Sow in spring in drills 1 foot apart. It will mature in six weeks. For early spring use sow in September and winter over like Spinach. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.10 lb.; 5-lb. lots, \$1.05 lb.; 10-lb. lots, \$1.00 lb., postpaid.

### BIRD SEED

- 219. Canary Seed. Lb. 20 cts., postpaid.
- 217. Bird Rape. Lb. 15 cts., postpaid.
- 221. Hemp. Lb. 15 cts., postpaid.
- 506. Sunflower Seed. Lb. 15 cts., postpaid.
- 223. Millet Seed. Lb. 15 cts., postpaid.
- MIXED BIRD SEED—20 cts. lb., postpaid

They weigh about 20 pounds per thousand plants, packed for shipment.

TERMS: Cash with order. No plants shipped C. O. D. We advise that you have all shipments of one thousand plants or less sent by parcel post. They make quicker time and are delivered direct to you by the mail carrier. On larger lots inquire of your express agent what the charges will be. To a great many points the parcel post rates are as low as express rates. When rates are near the same always order by parcel post, as time and service are better.

### COLLARDS

A great many people looked upon the lowly collard, or "Georgia Cabbage," as some jokingly refer to it, as something not worth while growing. Now there are thousands of collard patches scattered over the South, and most Southern people like them. The collard is an old-time favorite, adapted to all parts of the South, and as a producer of "greens" for boiling in Winter and Spring it has no equal. It will pay you to have a collard patch just to give your cows an occasional taste of "green stuff." Sow any time up to September 1st.

211. Southern or Georgia. (80 days.) This variety is the old-time favorite. Stands all sorts of adverse conditions without injury. It is very hardy, standing winters as far north as Atlanta. In many places where the soil is too poor to grow cabbage, the collard grows easily and makes a good substitute for cabbage. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 45 cts. lb.; 5-lb. lots, 40 cts. lb., postpaid.

292. Cabbage Collards. (80 days.) Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 45 cts. lb.; 5-lb. lots, 40 cts. lb., postpaid.

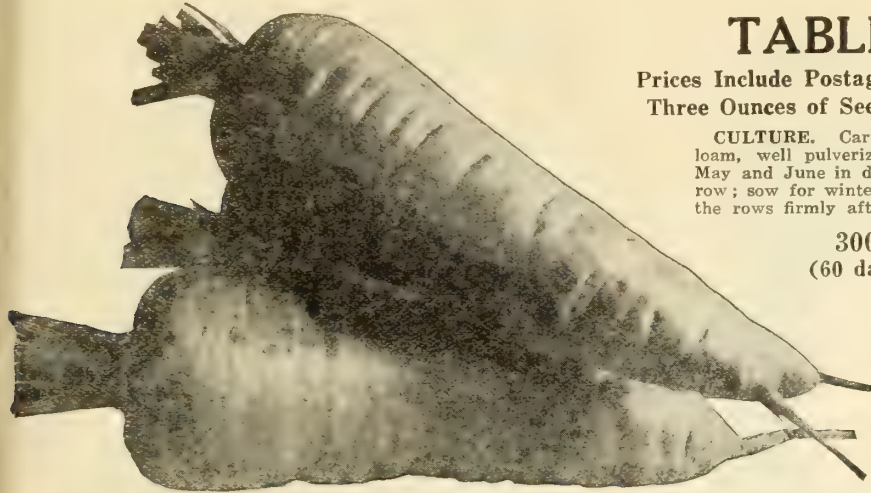


## TABLE CARROTS

Prices Include Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

Three Ounces of Seed to 100 Yards; Four Pounds to the Acre.

**CULTURE.** Carrots, to grow to perfection, require deep, rich, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row; sow for winter crop in June and July. It is very important to tread the rows firmly after sowing the seed.



Danvers Half Long Carrot

**222. Early Rubicon Carrot.** ("Best in Garden" Variety.) (60 days.) A half long Orange, stump-rooted Carrot, of a beautiful deep-red orange color. It is earlier than Danver's, about the same length, but heavier and thicker at the shoulder, making it more productive. It is a wonderfully heavy cropper, producing 3 to 4 tons to the acre under good culture. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 85 cts. lb.; 10-lb. lots, 80 cts. lb., postpaid.

**59. Imperator.** (75 days.) This new carrot has already become very popular as it combines both attractive appearance with first class quality. The roots are 7 to 8 inches long, tapering gradually toward the tip. Rich orange color with indistinct core. Exceptionally mild and sweet flavored. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts., postpaid.

**134. Ox-Heart Selected Stock.** (67 days.) Thick carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, and of deep red color, and is a variety we can recommend to all market gardeners. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 65 cts. lb., postpaid.

**48. Chantenay, or Model.** (62 days.) Broad stump roots measure 5 inches long and 3 inches in diameter at shoulder. Roots are smooth, flesh tender and fine grained; color deep orange. A most popular variety in all markets. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb.; 10-lb. lots, 55 cts. lb., postpaid.

**338. Coreless Chantenay.** (62 days.) This strain of chantenay is quite free from the ordinary yellow core pronounced in most carrots. It is a decided improvement over the old type, being particularly attractive when sliced for eating as an uncooked vegetable. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb.; 10-lb. lots, 55 cts. lb., postpaid.

## CHICORY

**271. Witloof (French Endive).** (110 days.) Witloof Chicory is used principally as a winter salad. The seed should be sown in the open ground not later than June. The plants form large parsnip shaped roots which are lifted in the fall, trimmed of leaves and stored in soil in a cool place until wanted for forcing. The roots can be forced in any warm cellar or room, requiring about one month to make edible sprouts. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.75 lb.; 5-lb. lots, \$1.60 lb.; 10-lb. lots, \$1.50 lb., postpaid.

**300. Early Golden Ball or French Forcing.** (60 days.) A very desirable variety for forcing and also supplying early roots for open ground. The small round roots measure about 1 $\frac{1}{2}$  inches in diameter, are smooth, tender and of good flavor. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00; 2-lb. lots, 85 cts. lb.; 5-lb. lots, 80 cts. lb.; 10-lb. lots, 75 cts. lb., postpaid.

**161. Half Long Stump-Rooted Nantes Strain.** (68 days.) One of the most popular sorts. The half-long roots measure 6 inches long by 1 $\frac{1}{2}$  inches in diameter. Flesh tender and sweet; color rich orange. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 85 cts. lb.; 10-lb. lots, 80 cts. lb., postpaid.

**100. Nichol's Long Orange Improved.** (80 days.) One of the most desirable either for garden or field culture. It grows to large size, fair specimens average 12 inches in length and 3 inches in diameter at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during the winter. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb.; 10-lb. lots, 55 cts. lb., postpaid.

**87. Danver's Half-Long Orange Pointed.** (67 days.) A handsome cylindrical-shaped carrot of good size. It is of rich, dark orange color, grows to a large size, is smooth and the flesh very close in texture, with little core. It is a first-class carrot for all soils, and it is claimed that under good cultivation it will yield the greatest weight per acre with the smallest length of root of any now grown. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb.; 10-lb. lots, 55 cts. lb., postpaid.



Early Rubicon Carrot

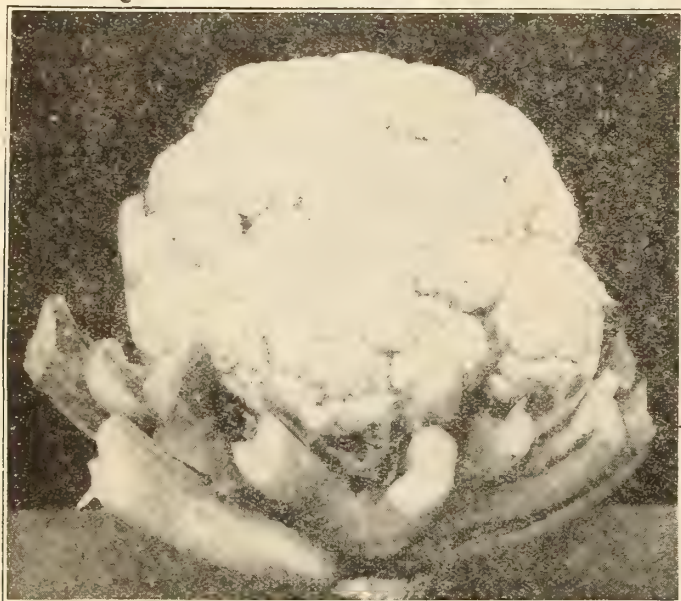


Chantenay Carrot

# CAULIFLOWER

One Ounce Will Produce  
About 2,000 Plants

Prices Include Postage on Pkts., Ozs., ¼ Lbs. and Lbs.



The Twentieth Century Cauliflower

**CULTURE.** Sow the seed in a hotbed in January or February, and when the plants are large enough transplant three inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared. 2½ feet apart each way. Keep them well hoed and bring the earth gradually up to their stems, watering freely in dry weather and especially when they begin to head. Cauliflower succeeds best when planted in frames at the close of winter and brought to maturity before the summer heat sets in. The late varieties mature in the autumn and are sown and managed similar to winter cabbage.

**273. Early Snowball Cauliflower.** ("Best in Garden" Variety.) (90 days.) The seed is from our selected imported stock, grown for us by the best grower in Europe. This Cauliflower, the most widely known of them all, may be planted early in the spring or late in the fall. It is of dwarf, compact growth and produces pure-white solid heads of large size and excellent quality. The long pointed leaves protect the curd from the sun. Its earliness and large size make it most desirable. We feel sure that if you once try this seed you will have no other. Pkt. 10 cts.; ¼ oz. 45 cts.; ½ oz. 65 cts.; oz. \$1.25; ¼ lb. \$4.50, postpaid.

## ENDIVE

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July. Plant one foot apart each way. When the plant has attained its full size gather up the leaves and tie them by their tips in a conical form. This excludes the light and air from the inner leaves until blanched.

**43. Green Curled.** (50 days.) Self-blanching. The best in cultivation. Much more beautiful and ornamental than the old sort. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 85 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**285. White Curled.** (50 days.) As the color of the leaves is a light golden yellow, little or no blanching is required. Very easily grown, and plants may be gathered for use at any time. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 85 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**198. Batavian or Full Heart.** (55 days.) Leaves a pale green; requires very little blanching. More productive than green curled. Forms large heads of broad, thick leaves. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 85 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**334. Extra Early Dwarf Erfurt.** (90 days.) A remarkably sure heading early Cauliflower. It is of dwarf habit with short outside leaves similar in most respects to Early Snowball, and nearly as early. The heads when ready for market are medium to large size. The curd is white, exceptionally deep and of finest quality. It will give excellent results either in the home garden or for market use. Pkt. 10 cts.; ¼ oz. 40 cts.; ½ oz. 60 cts.; oz. \$1.15; ¼ lb. \$4.25, postpaid.

**289. Autumn Giant.** (100 days.) It is very late in maturing and while of firm texture heads or curds are not so well formed nor so tight as those of the earlier varieties. Pkt. 10 cts.; ½ oz. 25 cts.; oz. 40 cts.; 2 ozs. 70 cts.; ¼ lb. \$1.25; lb. \$4.50, postpaid.

**243. Danish Giant or New Dry Weather Cauliflower.** (95 days.) Will produce splendid crops in very dry locations. Pkt. 10 cts.; ¼ oz. 40 cts.; ½ oz. 75 cts.; oz. \$1.25; ¼ lb. \$4.50, postpaid.

**252. The Twentieth Century.** (90 days.) Where other cauliflower fails, gardeners should try this strain. The heads are all large, and every plant will make a head when the conditions are right. The heads are compact and white, weighing more than any other sort. The outside leaves are smaller than other varieties; for this reason it can be planted closer, thereby getting a greater number of heads to the acre. Pkt. 10 cts.; ¼ oz. 40 cts.; ½ oz. 75 cts.; oz. \$1.25; ¼ lb. \$4.50, postpaid.

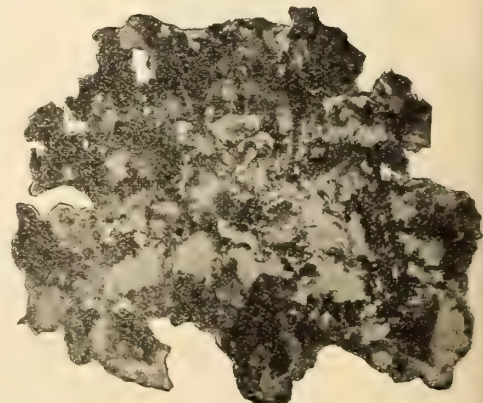
**CRESS CULTURE.** Sow thickly in shallow drills every 2 or 3 weeks. It should be cut often, and it will continue to grow. It is useful not only for salad, but for the breakfast table and for garnishing. True Water Cress should be sown in damp soil; or if a stream of water can be utilized they will be much finer. They will also thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad, it is a good plan to sow with Water Cress seed a strip 4 inches wide on the outer margin of a hotbed, inside the frame, where it is always cool.

**270. True Water.** (55 days.) It thrives when its roots and stems are submerged in water. It is one of the most delicious of small salads. Pkt. 10 cts.; oz. 30 cts.; ¼ lb. 85 cts.; lb. \$3.00; 2-lb. lots, \$2.80 lb.; 5-lb. lots, \$2.75 lb., postpaid.

**137. American Upland.** (60 days.) Largely used for pork salad; has a delicious pungent taste. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 75 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**187. Pepper Grass.** (45 days.) The seed should be sown in drills about 16 inches apart on very rich ground, and the plants well cultivated. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 85 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 60 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

One Ounce Will Sow  
150 Feet of Row.



Broad Leaf Batavian Endive

One Large 10c. Pkt. Any Three Varieties Listed Above for 25c, Postpaid.



Golden Self-Blanching Celery

**308. Easy Blanching.** (115 days.) This splendid variety is dwarf and compact in habit; light green foliage. It is very easily blanched and might be termed second early, following Golden Self-Blanching. For winter and spring use, it is a splendid keeper. The flavor is first class, while the stalks are pure white, heavy and crisp. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.15; 2-lb. lots, \$2.00 lb., postpaid.

**135. Bolgiano's Golden Heart.** (110 days.) This is the old standard sort which has satisfied gardeners these many years. It is crisp, solid, handsome, the most excellent flavor, with a beautiful golden heart. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. \$2.50, postpaid.

**150. Bolgiano's Sweet Nut Celery.** (110 days.) For home gardens and nearby markets Bolgiano's New Celery "Sweet Nut" is a delicious, sweet, nutty, crisp celery. It is absolutely solid, a most excellent winter keeper, of vigorous, sturdy growth, making fine, large, solid stalks, with a large, full, creamy-yellow heart. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. \$2.50, postpaid.

**264. Giant Pascal.** (110 days.) The stalks are very large, thick, solid, crisp and a rich nutty flavor, free from any taste of bitterness. Blanches very easily and quickly and retains its freshness a long time after being marketed. The heart is a golden yellow, very full and attractive. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.15; 2-lb. lots, \$2.00 lb.; 5-lb. lots, \$1.90 lb., postpaid.

**67. Flavoring Celery.** Cannot be used for growing purposes, but is an excellent spice for soups, salads, etc. 2 ozs. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts., postpaid.

### SPECIAL OFFER

#### VEGETABLE AND FLOWER SEEDS ONLY

\$1.25 Worth of Seed for \$1.00, Postpaid

You can select \$1.25 worth of packets or ounces of either vegetable or flower seeds and we will send it to you for \$1.00, postpaid. Cash must accompany order. This does not apply to packets purchased at our special offer of 3 for 25 cts. nor to any of our special collection offers in this catalog. It does not apply to any quantities over ounces.

## CELERY

Prices Include Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

One Ounce Will Produce About 3000 Plants, and Sow About 200 Feet of Row

**CULTURE.** Sow the last of March or early in April in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. Cut the tops off once or twice before planting out to make them stocky. When the plants are 5 or 6 inches high transplant the dwarf varieties 5 feet and taller sorts 4 feet between rows; plant 6 inches apart in the row. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling" generally done the beginning of September. After the soil has been drawn up with a hoe, it is drawn closer around each plant by hand to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position and the celery is wanted for early use, they should be "banked."

**94. Golden Self-Blanching.** Bolgiano's Special Strain. (110 days.) Very early. Largely grown by market gardeners as well as home gardeners. The beautiful appearance of the plant, with its close habit, compact growth and straight, vigorous stalks, is faithfully shown in the illustration. The ribs are perfectly solid, crisp, brittle and of delicious flavor. It is self-blanching to a very remarkable degree, for without banking up or any covering whatever, even the outer ribs become a handsome, fresh, yellowish white color. The heart is large and solid and of a beautiful, rich, golden yellow color. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 90 cts.; lb. \$3.25; 2-lb. lots, \$3.00 lb., postpaid.

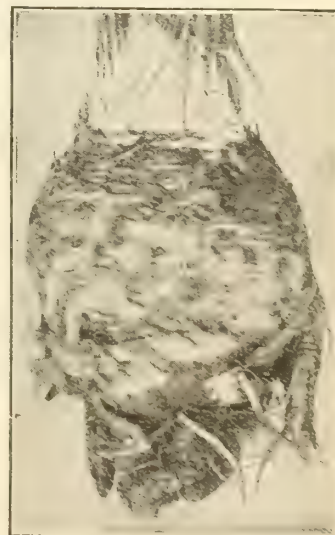
**192. Golden Plume or Wonderful.** ("Best in Garden" Variety.) (110 days.) A large early celery of superior quality and appearance. Large, heavy stalks with a full solid heart of golden yellow. Easy to blanch, a good keeper and always of the crisp, brittle and nutty quality so much desired. Very resistant to blight and rot. Free from strings and hollow stalks. Ready for the table in about 110 days. We consider this the finest celery yet introduced. Pkt. 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00, postpaid.

## CELERIAC (Turnip Rooted Celery)

This is constantly becoming more popular with gardeners owing to the fact that it is so much easier to grow than blanching celery. The large thick roots are very valuable boiled or used in soups, stews, and other dishes. Celeriac grows best in moderately moist well drained soils. They do well in almost any good garden soil and grow to perfection in cool seasons.

Start the seed in boxes indoors and when the seedlings are large enough to handle, transplant into the garden to stand about 8 to 10 inches apart each way. Use when the roots are moderately large size. They do not require blanching.

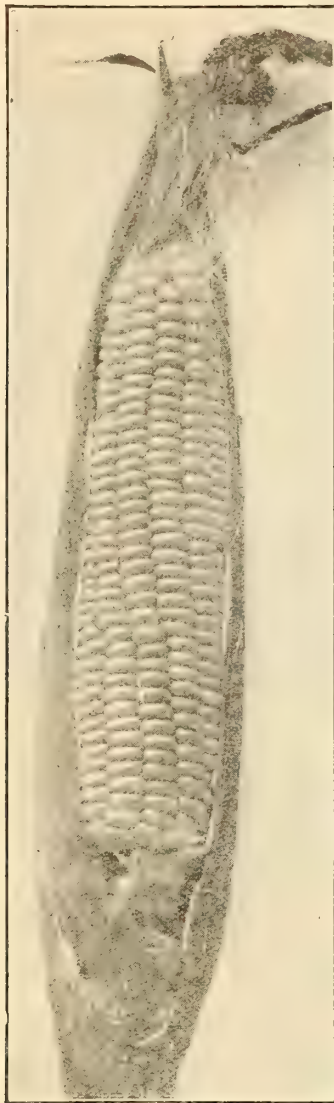
**272. Large Smooth Prague.** (120 days.) A new and quite distinct sort, the roots being very smooth, large, round. Of a very distinctive flavor, roots may be boiled or used in flavoring other dishes. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.80 lb., postpaid.



Large Smooth Prague Celeriac

## SUGAR, or SWEET CORN

We Pay Postage on Seed Corn Ordered by the Pkt., Pt. or Qt. Only—  
Larger Quantities, Parcel Post, Freight or Express Charges Extra  
Weight by Parcel Post—1 Peck Is About 15 Pounds. Parcel Post Rates See Page 2.  
One Quart to 200 Hills; 8 to 10 Quarts to the Acre.



Marcross Corn

**CULTURE.** The Sweet or Sugar Varieties, being liable to rot in cold or wet ground should not be planted before May or until ground has become warm; for succession continue planting every two weeks until the middle of July in rich, well-manured ground, in hills 3 feet apart each way, covering about  $\frac{1}{2}$  inch and thin out to 3 plants to a hill. The extra early varieties can be planted 18 ins. in a row and  $2\frac{1}{2}$  feet between rows.

### Extra Early Varieties

#### 560. Marcross.

(75 days.) (Illustrated in color on front cover.) A new golden variety of excellent quality. Quite often earlier than Golden Cross, with as large or larger ear. Perhaps the sweetest and most delicious flavored of all the yellow corns yet introduced. It will average 12 rows to the ear and will be highly appreciated in every garden. Pkg. 10 cts.; pt. 35 cts.; qt. 60 cts., postpaid. Pk. \$2.80.

#### 564. Bolgiano's Extra Early Ideal Sweet Corn.

(65 days.) Extra early, large ears, 8 to 10 inches long; has a mild, sweet flavor; very tender; vigorous grower, producing a wonderful crop of corn for the early market. Can be planted as early as the Extra Early Adams. Thousands of truckers and market gardeners are using the "Ideal" for every planting. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.50; bu. \$5.50, not postpaid.

**Truckers Favorite.** An early large ear white corn. Very hardy. Not so sweet as later corns. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.40; bu. \$4.50.

### PLEASE REMEMBER

#### "Best in Garden" Varieties

These do not in every case represent our latest introductions, but they do represent those varieties that stand out conspicuously in any garden as the "Best in the Garden." You are playing safe by planting liberally of these varieties.

**Golden Cross Bantam.** ("Best in Garden" Variety.) (75 days.) This new Corn is bred for wilt resistance, high yield and superlative quality. Matures 4 to 5 days later than Golden Bantam. Stalks 6 feet high and usually bear 2 ears having 10 to 14 rows of light golden yellow kernels. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts., postpaid; pk. \$2.60; bu. \$9.00.

**559. Golden Bantam.** (70 days.) One of the sweetest corns grown. It is a dwarf, medium early variety of exceptionally good quality. In all respects it is a gem—in size of plant, ear and grain. It is particularly well adapted to small gardens on account of its small size; to the more pretentious on account of its excessive cropping ability on a given area, and to all because of its superb quality and luscious satisfying flavor. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.50; bu. \$5.50.

#### 10559. Bolgiano's New Cream and Honey. (60 days.)

Although it is a pure and true Sugar Corn it is so wonderfully hardy it will stand the hard knocks of early Spring. Rich, delicious, sweet flavor, beyond comparison with any other Sugar Corn; earliest of all Extra Early Table Corns, of wonderfully fine quality. Grows 4 feet high; ears 5 to 8 inches long and 2 to 3 ears to the stalk; can be planted quite close in the row. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.75; bu. \$6.00.

**558. Adams' Extra Early.** (65 days.) Largely grown for early market. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.65; bu. \$5.60.

**563. Second Early Adams' Corn.** (70 days.) Ears are all larger and later than Adams' Extra Early. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.40; bu. \$5.00.

**566. Golden Evergreen.** (75 days.) A splendid variety to follow Bantam. The ears are larger and better filled. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.60; bu. \$5.75.

**553. Howling Mob.** (75 days.) This splendid flavored sweet corn grows 4 to 5 feet high, producing two good ears to the stalk, which measure 7 to 9 inches in length. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.50; bu. \$5.50.

**561. Extra Early Evergreen.** (70 days.) Ripens about 10 days earlier than Stowell's and is equally good. It is a splendid variety to come in between the early and late sorts, and is destined to become popular. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.50; bu. \$5.50.

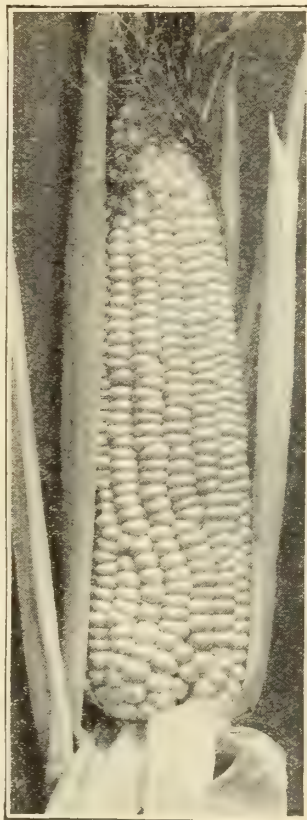
#### IMPROVED SEMESAN, JR.

Possesses unusual properties for the disinfection of field and sweet corn seed against certain diseases which cause poor stands, blighted seedlings and unprofitable, barren and nubbin bearing stalks. Full directions on each box. 4 ozs. 30 cts.; 1 lb. 75 cts.; 5 lbs. \$3.25.

## GENERAL AND LATE CROP SUGAR CORN

### 557. BOLGIANO'S LUCKY STRIKE SUGAR CORN (80 days.)

Lucky Strike matures in about the same season as Stowell's Evergreen. The ear is about as large in diameter, but from one to two inches longer. The grains are large and of such an excellent luscious flavor that it wins immediate approval. The entire ear is covered with heavy shucks of such a beautiful dark green color that this variety keeps a universally fresher appearance than others, which makes it command a higher price and quicker sales at market. We are looking for a heavy sale of Lucky Strike this year, and hope that all of our friends will put in their orders early, as we feel sure that our supply will not last through the season. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.60; bu. \$5.75.



Stowell's Evergreen Corn.

### 568. Snow White Evergreen. (80 days.)

The most valuable sweet corn for main crop. It has the ideal qualities of the Stowell's Evergreen Corn, only it is pure white, making it the most desirable late corn for market and home gardeners. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.50; bu. \$5.50.

### 565. Stowell's Evergreen. (80 days.)

This is without doubt the most widely used of all the varieties, although not an early sort. It is very fine for table use. Our selected stock has been carefully guarded to insure the maintenance of a deep grain and to prevent deterioration of the evergreen character. It is well adapted for home or market growing and popular with canners. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.50; bu. \$5.50.

### 567. Country Gentleman, or Shoe Peg. (80 days.)

The deep shoe peg kernels are placed irregularly, but compactly, upon the cob. It is very prolific, generally bearing 3 to 5 ears to the stalk, and matures a little before Stowell's Evergreen, being sweeter and more sugary to the taste even than that well known standard of quality. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts., postpaid; pk. \$1.50; bu. \$5.50.

### 566. Black Mexican Sugar. (80 days.)

Very sweet and tender when ready for table; grain is black. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.75.

### 555. Rice Pop Corn. (110 days.)

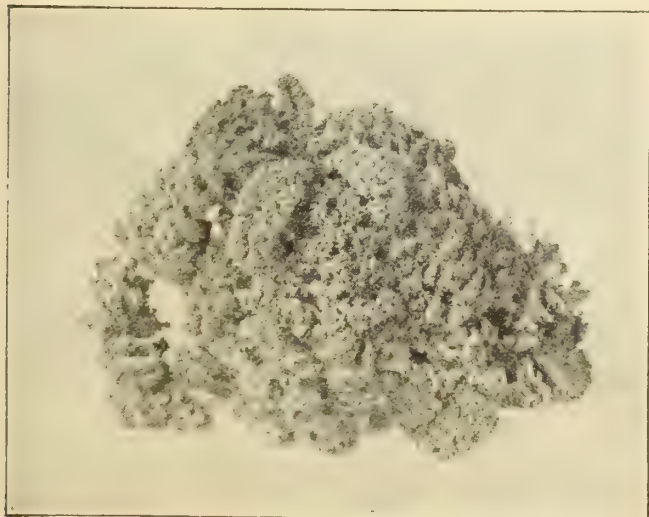
A very handsome variety; ears short; kernels long, pointed; very prolific; no variety of pop corn is superior to this for popping. 25 cts per lb., postpaid.

## KALE, or BORECOLE

One Ounce Will Sow 200 Feet of Drill; 1½ Pounds to the Acre.

**CULTURE.** Kales are more hardy than cabbage, and make excellent greens for winter and spring use, being improved by frost. Sow from May to June and cultivate same as cabbage.

**69. Tall Scotch. (55 days.)** Grows about two feet high with abundant dark green very curly leaves. Very hardy. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 60 cts. lb.; 10-lb. lots, 55 cts. lb., postpaid.



Curled Beauty or Blue Scotch Kale.

### 133. Curled Beauty, or Blue Scotch Kale. (55 days.)

Distinct blue green color. Very hardy. Heavily curled. Very dwarf and compact. Lays flat on ground, which gives protection against extreme cold weather. Never winter kills. Produces large heads. We highly recommend this variety. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 65 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 50 cts. lb.; 10-lb. lots, 45 cts. lb., postpaid.

### 121. Extra Dwarf Green Curled Scotch, or Norfolk. (55 days.)

This is one of the best kales for spring sowing in the South for Northern markets. It is hardy and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed 18 inches in height. The leaves are of dark green color, beautifully curled and produced in great abundance. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 55 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts. lb., postpaid.

### 76. Imperial Curly Long-Standing. (55 days.)

A beautiful curled and crimped sort, of strong, vigorous habit; perfectly hardy, bright green color, and very attractive in appearance. It will stand longer without shooting to seed than any other variety. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 55 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts. lb., postpaid.

### 66. New American Long-Standing Extra Curled Kale. (55 days.)

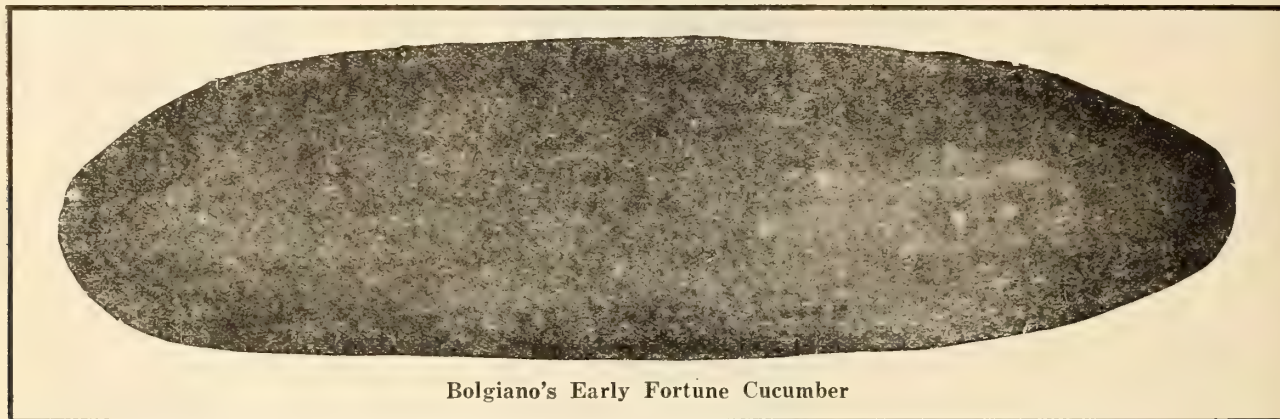
Beautiful green color, perfectly hardy. Will stand the coldest winters. Very tender and can be cut for the market from early spring until late in season. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 70 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 50 cts. lb.; 10-lb. lots, 45 cts. lb., postpaid.

## CUCUMBER

Prices Include Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

One Ounce of Seed to Fifty Hills.

Two Pounds Plant One Acre.



Bolgiano's Early Fortune Cucumber

**CULTURE.** For early cucumbers sow first of April in a hotbed upon pieces of sod (the grass side down), so that they can be readily transplanted to the open ground in rich soil when danger of frost is over or protect by hand glasses. For early use, if the weather has become settled and warm, plant in hills about four feet apart each way; thin out to 4 of the strongest plants to each hill after all danger from insects is over; they succeed best in warm, moist, rich loamy soil; continue planting at intervals for a succession. The cucumbers should be gathered when large enough for use, whether required or not; if left to ripen it destroys the productiveness. For pickles, plant from June until the middle of July.

**109. A & C (60 days.)** A new introduction, similar to Longfellow but somewhat shorter. Vines healthy, robust and resistant to disease, producing cucumbers about 10 inches long. They are uniform, very dark green and well rounded at ends. Highly desirable for shipping and market gardens. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 45 cts.; lb. \$1.50; 2-lb. lots, \$1.35 lb.; 5-lb. lots, \$1.20 lb.; 10-lb. lots, \$1.10 lb., postpaid.

**42. The New Straight-8 Cucumber.** All America Gold Medal Award for 1935. ("Best in Garden" Variety.) (60 days.) Straight-8 produces symmetrical fruits, almost cylindrical, and well rounded at both ends. When it is ready for use, it is regularly eight inches in length and about one and one-half to two inches in diameter. The color is rich, deep green, without objectionable striping. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25, postpaid.

**131. Bolgiano's Early Fortune.** (55 days.) An excellent early cucumber for table, market or shipping purposes. In color, Early Fortune is a rich, attractive, deep green, which it retains during a much longer period of growth than most varieties. Its form is so regular and the size of all the fruits so nearly the same that growers marvel at the purity and trueness of the stock. The flavor is delicately refreshing, entirely free from bitterness, exceedingly crisp and brittle, making it an ideal slicing cucumber. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**169. Bolgiano's Prosperity.** (55 days.) Intense, rich, deep green color. The flesh sparkling white. An extra early white spine cucumber. Most refreshing and delightful flavor. Uniformly large, symmetrical fruit. Bears no culls. Vines are vigorous, healthy and mildew-proof. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.10 lb.; 5-lb. lots, \$1.05 lb.; 10-lb. lots, \$1.00 lb., postpaid.

**73. Arlington White Spine or Perfection.** (60 days.) Dark, rich, green color. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.; 2-lb. lots, 75 cts. lb.; 5-lb. lots, 65 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**301. Longfellow.** An extra long variety of superior quality. As long as 12 inches and about  $2\frac{1}{2}$  inches thick. Color a rich beautiful dark green and of long standing. An enormous yielder of very uniform attractive cukes which makes it a very good market variety. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.10 lb., postpaid.

**93. Stays Green or Black Diamond.** (60 days.) The cucumber that stays green. An extra early of the White Spine type. Holds its dark green color as long as any variety we know of. It is adapted to all sections and soils. The fruit grows 7 to 8 inches in length, cylindrical in shape, smooth and handsome. The color dark green from end to end with little white rays at the blossom end. The flesh is white, firm, crisp and of the very best quality for slicing. The vine makes a vigorous growth and is an enormous yielder of dark, always green cucumbers. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**326. Imperator or Clark's Special.** (60 days.) A very productive, long deep green cucumber which holds its color well. Appears on the market fresh and unwilted which makes it a good market garden type, and is also very fine for the home garden. Pkt. 10 cts. oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 80 cts. lb.; 10-lb. lots, 70 cts. lb., postpaid.

**156. Long Green.** (65 days.) It is vigorous and productive. The mature fruit is almost 12 inches long. The skin is a deep green, and the flesh is solid, crisp and of fine quality. Especially recommended for pickling. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 80 cts. lb.; 10-lb. lots, 70 cts. lb., postpaid.

**313. Snow's Pickling.** (60 days.) An early maturing, very small, dark green cucumber, cylindrical, square ended, and very popular with the growers of small pickles. Meets in all respects the requirements of those who want an ideal bottle pickle. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.10 lb.; 5-lb. lots, \$1.05 lb.; 10-lb. lots, \$1.00 lb., postpaid.

**107. Jersey Pickle.** (60 days.) Fine green color. Used for pickling almost entirely. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.15 lb.; 5-lb. lots, \$1.10 lb.; 10-lb. lots, \$1.00 lb., postpaid.

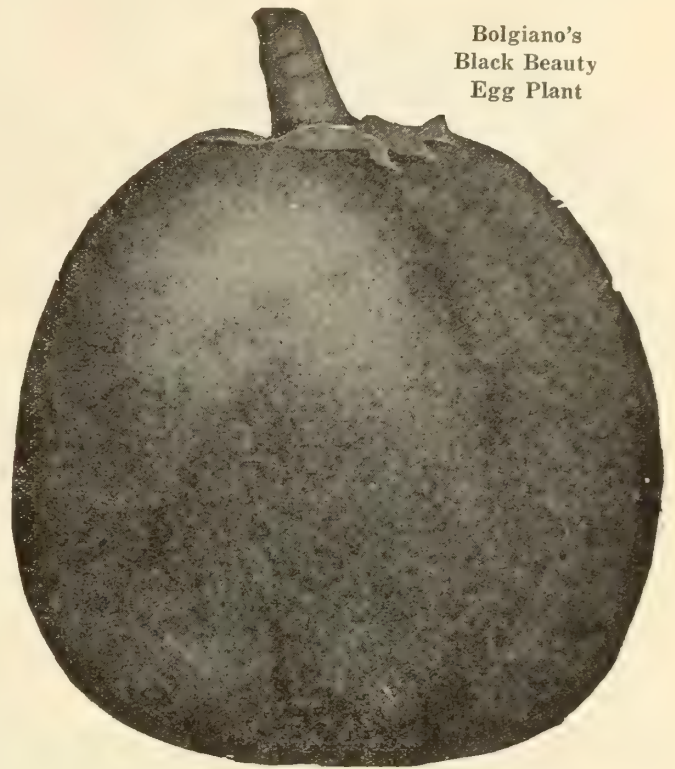
**251. Gherkin, or Small Bur.** (80 days) Grown exclusively for pickling. Always pick when young and tender. Seed slow to germinate, requiring from 10 to 12 days. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.40, postpaid.

## EGG PLANT

1 Ounce Egg Plant Seed Will Produce About 500 Plants.

**CULTURE.** Egg Plant seed should be sown very early in hotbed; plants being very tender, must be protected from frost but exposed as far as practicable to light and air to harden them. Egg Plant seed will not germinate freely without a strong uniform heat; if they get the least chilled they seldom recover; therefore, repeated sowing is sometimes necessary.

**205. Black Beauty Egg Plant.** ("Best in Garden" Variety.) (110 days.) The earliest and the best of all large-fruited Egg Plants. It is valuable alike to the private planter and the extensive grower for the market. Black Beauty produces fruits fully as large and ready for use ten days to two weeks earlier than the New York Improved Purple. The grand, large fruits are thick, and of attractive form. The skin is a rich lustrous purplish-black—the satin gloss and rich coloring adding greatly to its beauty. The intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color. Pkt. 10 cts.; oz. 30 cts.; ¼ lb. \$1.00; lb. \$3.50; 2-lb. lots, \$3.25 lb.; 5-lb. lots, \$3.00 lb.; 10-lb. lots, \$2.75 lb., postpaid.



Bolgiano's Black Beauty Egg Plant

## KOHL-RABI One Ounce Sows 300 Feet of Drill

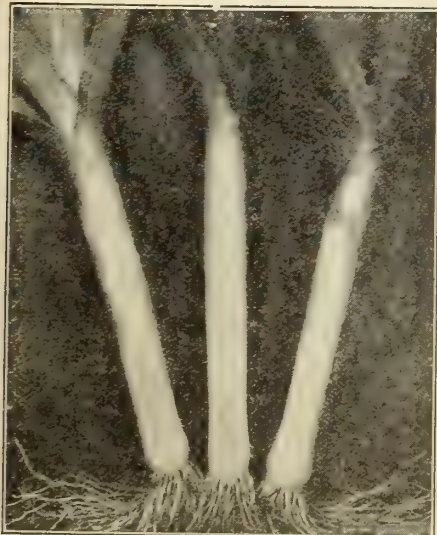
**CULTURE.** Sow in spring, in rows 18 inches apart, afterward thinning the plants to 8 or 10 inches. If the weather is suitable, the thinning may be planted, but it is considered difficult to transplant. Keep the weeds down, and when the thickened stems above ground are 2 to 3 inches through they are fit to eat, and should be used at once, being tough when old. Cook like turnips.

**310. Early White Vienna.** (55 days.) When young and tender; and properly prepared for the table, it is almost equal to the cauliflower. Besides, it is a certain crop, requiring no more care or cultivation than a crop of cabbage. For fall crop sow in June. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50, postpaid.

## LEEK

One Ounce to Sow a Drill of 100 Feet

**CULTURE.** The Leek is very hardy, of easy culture, and succeeds best in a light soil. Sow early in April in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 inches high transplant in a deep, rich soil in rows 12 ins. apart and 6 ins. in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.



Extra Large Leek

### 50. Extra Large Leek. (80 days.)

It is the best. This mammoth leek is not to be compared with the old kinds. It grows much larger and is very handsome. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 50 cts.; lb. \$1.75, postpaid.

### Bolgiano's Vegetable Garden Collection

\$1.50 worth of seed for \$1.00, postpaid

COMPOSED ENTIRELY OF "BEST IN GARDEN" VARIETIES

This collection covers the most popular kind of vegetables used in every home, gives you the best varieties to order and saves you time and money. As these collections are set up in advance, we cannot make any change in varieties or quantities.

	Regular Price
½ Pt. Beans, Tendergreen .....	\$0.20
½ Pt. Beans, enormous Bush Limas .....	.20
1 Pkt. Beet, Extra Early Superb .....	.10
1 Pkt. Carrot, Early Rubicon .....	.10
1 Pkt. Corn, Golden Cross Bantam .....	.10
1 Pkt. Lettuce, Masterpiece .....	.10
1 Pkt. Onion, White Silver Skin .....	.05
1 Pkt. Parsley, Best Triple Curled .....	.10
½ Pt. Peas, Early Bird .....	.20
1 Pkt. Radish, Scarlet Globe .....	.05
1 Pkt. Squash, Bennings White Bush .....	.10
1 Pkt. Spinach, Bloomsdale Savoy .....	.05
1 Pkt. Tomato, Marglobe .....	.10
1 Pkt. Turnip, Purple Top White Globe .....	.05

\$1.50

14 Varieties, \$1.50 worth of Seed for \$1.00, postpaid

One Large 10c Pkt. Any Three Varieties Listed Above for 25 Cts., Postpaid.

## LETTUCE—Early Varieties

One Ounce Will Sow 200 Feet of Drill  
4 to 5 Lbs. to Sow One Acre in Drills

**CULTURE.** Lettuce belongs in every garden, whether large or small. It is easy to grow, and grows to perfection in a rich, moist, cool soil. Sow the seed in hotbeds in February or March, transplant into a sheltering border with a southern exposure. For successive crops sowing may be made in the open ground as early as the spring opens and continuing until July. From 40 to 60 days are required to bring the crop to maturity. Always thin out well, or the plants will not be strong. When wanted as a cut salad, sow seed thickly in rows or broadcast.

**58. Big Boston (Special Stock).** (58 days.) Big, compact, tender and crisp, creamy-white heads. Whether grown in the open ground for summer and fall use, or in frames for spring, it invariably gives both grower and user the utmost satisfaction, producing during all seasons, under ordinary favorable conditions, splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender and sweet. Although "Big Boston" is one of the best large-heading midsummer lettuces, it is also particularly adapted for late fall culture. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. 90 cts.; 2-lb. lots, 85 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**120. Unrivalled.** (55 days.) A valuable variety. Early in maturing, a little earlier than Big Boston which it resembles in appearance and size of head. Pale green color shading to creamy white at the center of the head which is formed of closely wrapped, crisp leaves. Succeeds at all seasons. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50; 2-lb. lots, \$1.35 lb.; 5-lb. lots, \$1.25 lb.; 10-lb. lots, \$1.15 lb., postpaid.

**146. Golden Queen.** (55 days.) One of the best first extra early head Lettuce for either open ground or frame culture, and a good forcer; medium size, solid, golden yellow heads, crisp and tender. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 65 cts.; lb. \$2.35; 2-lb. lots, \$2.00 lb.; 5-lb. lots, \$1.85 lb., postpaid.



Bolgiano's Special Stock Big Boston



Bolgiano's May King Lettuce

**98. Early May King.** (55 days.) Plants are of quick growth, practically all head and extremely handsome. From early spring plantings in the open ground they grow quickly to a diameter of 6 to 7 inches, with the broad, light-green outer leaves folding closely about the round solid head; in cool weather the edges of these outer leaves are lightly tinged with brown. The inner leaves (practically the entire head) are blanched into a rich golden yellow and have a specially fine, rich buttery flavor. The round solid heads are so firmly folded that they can be shipped to distant market and arrive in good condition. We recommend repeated plantings of this fine early variety in the spring and again during August and September for fall use. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 85 cts. lb.; 10-lb. lots, 75 cts. lb., postpaid.

### Loosehead, Cutting Varieties

**350. Grand Rapids.** (45 days.) This does not form heads, but makes large compact bunches of light leaves with fringed edges. Its delicious quality and handsome appearance make it most popular in winter markets of many Western cities. It is useful also for outdoor planting during spring and fall. Our stock is the best it is possible to produce. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**199. Early Curled Simpson, or Silesia.** (40 days.) A standard old favorite. Produces early clusters of crisp golden leaves of fine quality. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**297. Black-Seeded Simpson.** (45 days.) Recommended both for home and market gardens. The golden yellow curly leaves are crisp, tender and mild. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

### PLEASE REMEMBER "Best in Garden" Varieties

These do not in every case represent our latest introductions, but they do represent those varieties that stand out conspicuously in any garden as the "Best in the Garden." You are playing safe by planting liberally of these varieties.

Be Sure to Try Our Special Stock Big Boston Lettuce



## LETTUCE—Crisphead Varieties

**92. Bolgiano's Masterpiece Lettuce.** ("Best in Garden" Variety.) (60 days.) Market gardeners and lettuce growers all over the country are now growing the "Masterpiece" for their late spring, summer and early fall crops. No matter how hot or how long it remains in the garden it will keep crisp, tender and sweet. No bitterness. It will not go to seed quickly. Sure header, can be grown in open ground after danger of frost is over, all during the summer and early fall. Never spots or turns dark in any part. Will stand shipping to any part of the United States and remains as crisp as ice. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00, 2-lb. lots, \$1.75 lb.; 5-lb. lots, \$1.60 lb.; 10-lb. lots, \$1.50 lb., postpaid.

**71. New York, or Wonderful. No. 12 Strain.** (65 days.) The plants are extra large and produce heads of immense size with the leaves closely folded; inner portion blanches easily, and leaves are always crisp and tender. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.10 lb.; 5-lb. lots, 95 cts. lb.; 10-lb. lots, 85 cts. lb., postpaid.

### Cabbage, or Butter Head Varieties

**60. Bolgiano's Black Seed Summer.** (60 days.) A perfect heading outdoor lettuce, especially during our dry, hot summer, because it is long standing and always tender and pleasant to the taste. It does equally well for forcing under glass in hot beds, cold frames, greenhouses and for outdoor cultivation. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.10 lb.; 5-lb. lots, \$1.00 lb.; 10-lb. lots, 90 cts. lb., postpaid.

**318. Improved Salamander.** (60 days.) Especially desirable for late spring sowing. Medium sized, tender heads. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.; lb. \$1.25, postpaid.

**314. Iceberg.** (60 days.) This is adapted for sowing for either spring or summer use, and no matter the season the leaves are always tender. The Iceberg lettuce has become most popular in family gardens. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 80 cts. lb.; 10-lb. lots, 70 cts. lb., postpaid.



Bolgiano's Black Seeded Summer



Bolgiano's Masterpiece Lettuce

## LETTUCE, COS, or CELERY

**Cos Lettuce**, or Romaine, as it is frequently called on some markets is not so generally grown as it should be in the United States. In the South, Cos Lettuce succeeds best during the early spring months, or late in the fall.

**184. Trianon (Paris Self-Folding White.)**

(60 days.)

Of rather tall growth and produces large conical shaped heads. The long leaves blanch an almost snowy white, and are usually eaten like celery, hence it is sometimes called Celery Lettuce. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 85 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.



Cos Lettuce.

Montgomery County, Md.,  
March 19th.

F. W. Bolgiano & Co.

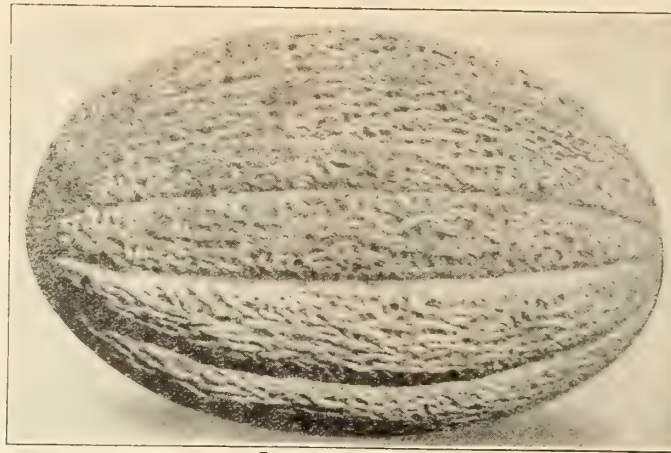
The Rhode Island Red chicks have arrived in splendid shape, also the cabbage plants. Please mail me one ounce of your Spencer Mixed Sweet Peas.

(Signed) R. H. MILLER, JR.

**MUSKMELON, or CANTALOUPE**

One Ounce Will Plant 50 Hills;  
2 or 3 Pounds in Hill per Acre.

**CULTURE.** Melons thrive best in a rich, light soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way for muskmelons, eight feet for watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to three plants per hill.



Long John Cantaloupe

When about one foot long, pinch off the tips to make them branch as it strengthens the growth of the vines and makes the fruit mature earlier. Give plenty of water and feed liquid manure occasionally. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

**Green Flesh Varieties**

**102. Long John Cantaloupe.** (75 days.) ("Best in Garden" Main Crop Variety.) Originated, improved and perfected in the great cantaloupe section of Anne Arundel County, Maryland, which is widely known for its grand luscious cantaloupes. It averages 8 to 10 inches long, some in fact grow a foot long. It takes very few to fill a basket. Deeply netted and ribbed. Green fleshed, thickly meated and of most delicious flavor. A most excellent main crop variety. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.10 lb.; 5-lb. lots, \$1.00 lb., postpaid.

**215. Jasper.** (65 days.) An early medium sized, thick green fleshed melon that has attracted most favorable attention for its sweet delicious flavor and few seeds. A prolific producer of all perfectly netted, well-formed melons. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. \$1.40; 2-lb. lots, \$1.25 lb.; 5-lb. lots, \$1.10 lb.; 10-lb. lots, \$1.00 lb., postpaid.

**41. Sweet Air.** (75 days.) ("Best in Garden" Early Variety.) This wonderful melon is medium in size, thick green flesh with small cavities, delicious sweet flavor, perfectly tender; it fairly melts in your mouth. Vigorous grower, vines keep green and produce big crops of beautiful netted melons. No culls. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**226. Jr. Rocky Ford.** (70 days.) Two weeks earlier, a little larger and twice as productive as the Rocky Ford, one of the best rust and blight resisters. Vigorous grower, vines keep green and produce big crops of fine market melons. Its netting is close and deep, sweet flavor, thick green flesh with small seed cavities, makes a very fine shipping melon. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25, postpaid.

**193. Knight, or New Maryland.** (65 days.) Not liable to blight, considerably earlier in maturing and nearly, if not quite, as large as the Sweet Air. The melons are firmly netted, uniform in size, and the thick green flesh is most delicious in flavor. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**39. Rocky Ford, or Netted Gem.** (80 days.) One of the best-known cantaloupes in the world. Its fine flavor, bright green, very deep meaty flesh, make it a popular variety. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 75 cts. lb.; 5-lb. lots, 65 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**81. Bolgiano's Baltimore Nutmeg.** (75 days.) The Baltimore Nutmeg is a large green-flesh variety, sweet as sugar. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25, postpaid.

**123. Bottomley Cantaloupe.** (75 days.) In shape it is oblong, ribbed and heavily netted. The flesh is green, very solid and thick, having a delicious flavor. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**210. Honey Dew Melon.** (95 days.) Has a peculiar, sweet, pleasant taste. It must be dead ripe before being prepared for the table. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.10, 2-lb. lots, \$1.00 lb.; 5-lb. lots, 85 cts. lb.; 10-lb. lots, 75 cts. lb., postpaid.

**Salmon Flesh Varieties**

**242. Hale's Best Cantaloupe.** (60 days.) Very early. Oval in shape with heavy netting and ribs hardly apparent. The flesh is exceptionally thick and firm, of fine sweet flavor. A deep salmon color. Has a very small seed cavity. It is at least ten days earlier in maturing than other types of Rocky Ford. A very prolific melon. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**230. Bolgiano's Unsurpassed Cantaloupe.** (70 days.) As a shipper it is a wonder. Packs 45 to the crate perfectly. "Solid netted, of a whitish gray color." The meat is a beautiful golden. Very thick flesh with extremely small seed cavities. Tender, a sweet pleasing flavor, one never to be forgotten. Vigorous grower, one of the best blight-resisters, producing large crops of even size melons, absolutely no culls. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50; 2-lb. lots, \$1.35 lb.; 5-lb. lots, \$1.25 lb.; 10-lb. lots, \$1.10 lb., postpaid.

**231. Hearts of Gold.** (65 days.) Here is a fair sized melon, larger than Rocky Ford with distinct ribs and quite heavily netted. The rich golden flesh has a most excellent flavor and is very deep, having only a small seed cavity. It is recommended for home or market gardens, while as a shipper its popularity is increasing for the high quality is retained perfectly after traveling long distances. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**54. "Tip Top."** (80 days.) Sweet, juicy, finest flavored, firm (but not hard) fleshed. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 85 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**63. 10-25 Cantaloupe.** (80 days) A re-selection of the Pollock Salmon Tint, No. 25 Strain, which in the last few years has become very popular among market gardeners. Orange flesh, tender, sweet flavor, without strings or toughness; excellent shipper, good seller. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

Prices Include Postage on Pkts., Ozs.,  
¼ Lbs. and Lbs.

## WATERMELON

Four to Five Pounds to an Acre; One  
Ounce for Thirty Hills.

**CULTURE.** Prepare hills 8 or 10 feet apart each way by working in thoroughly rotted manure, or poultry droppings—rich ground gives the plants a good start before insects attack them. When the ground is warm plant 6 or 8 seeds to the hills, covering an inch deep and, when well up, thin out, leaving three strong plants to each hill. Do not grow near pumpkins and gourds.



Stone Mountain Watermelon

### STONE MOUNTAIN WATERMELON ("Best in Garden" Variety)

239. (85 days.) This new watermelon immediately became immensely popular. The melons are round, of the richest dark green color. They have medium rind and a beautiful scarlet flesh with the finest and sweetest flavor. Without white hearts or stringiness. On good melon land they grow 50 to 80 pounds. Solid through and almost all heart. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 85 cts. lb.; 5-lb. lots, 75 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

### Wondermelon—Kleckley Sweet Improved

132. (85 days.) This improved strain has the same red flesh, delicious sweetness and all the other splendid qualities that made Kleckley Sweet such a favorite. The improvement has principally been made along the lines of size and shipping qualities. They will weigh as much as 50 pounds, yet the rind is thin, but so tough that Wondermelon will stand long shipments excellently. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

### RIBAUT OR RADIO

241. (85 days.) The rind is green, indistinctly striped with lighter green. It will average larger than the Tom Watson. It is long and thick in shape. While the rind is only medium thick, it is very tough and will stand rough usage in shipping and under ordinary handling the rind will not break. The flesh is bright red, sweet and free from hard centers. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 80 cts.; lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

317. General Pershing Watermelon. (85 days.) The sparkling red flesh is as sweet as honey. No hard center and stringless. Flesh firm and compact. Rind tough. Vigorous grower. Vines keep green and produce an enormous crop of first-grade melons weighing 35 to 51 pounds each. Pkt. 10 cts. oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

246. Coles Early. (75 days.) Strictly a home market melon, almost round in shape. Rind light green, striped with broad bands of dark green. Flesh bright red, crisp and delicate texture. Pkt. 10 cts.; oz. 15 cts.; ¼ 25 cts.; lb. 75 cts., postpaid.

64. Tom Watson. (90 days.) This old favorite is an extra long melon of attractive appearance, uniform in shape and quality; the luscious crimson flesh is "as sweet as honey," melting and of superb flavor. The average melon will weigh 35 to 40 pounds and measure 28 inches long and about 12 inches in diameter. As a shipping melon, it has held first place and is also quite popular for home use. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 70 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

304. Irish Grey. (90 days.) The rare combination of tempting sweet flavor and a tough rind make this melon one of such superior merit that it well deserves the popularity that it has been receiving among growers for shipping and home use. One feels a little disappointed at the first sight of the light green rind, but the view and taste of the delicious interior makes fast friends. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

144. Improved Florida Favorite (White Seeded). (85 days.) Early. Fine quality; medium size; flesh deep red. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

175. Georgia Rattlesnake. (90 days.) Oblong, dark and striped; bright red flesh; late. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

229. Excell. (85 days.) A long green melon, with visible stripes. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 65 cts.; 2-lb. lots, 50 cts. lb.; 5-lb. lots, 45 cts. lb., postpaid.

343. Preserving Citron. (100 days.) Medium size, uniformly round, used only for preserves or pickles. Color dark green, distinctly striped and marbled with light green. Flesh white and solid, but not at all suitable for eating raw. Seed red. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts., postpaid.

## MUSTARD

One Ounce of Seed Will Sow  
50 Feet of Drill

For late spring use sow in February, March or April; for fall use sow in August and September. Sow the seed in rows 8 to 10 inches apart. One ounce will sow about 50 feet of drill; about 3 lbs. is required for an acre if sown broadcast.

143. Fordhook Fancy Mustard. (40 days.) The plants are of vigorous growth; dark green leaves curve outward like a fine ostrich plume. Fine flavor, one of the best for early salad. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 65 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

130. Southern Giant Curled. (40 days.) A curly leaf variety; produces large leaves; makes a very fine salad; flavor is all that can be desired. Plant in fall for early spring salad. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 45 cts. lb.; 5-lb. lots, 40 cts. lb.; 10-lb. lots, 35 cts. lb., postpaid.

170. Chinese. (45 days.) Differs from the preceding in that the large, broad leaves are smooth and flat. The plants produce a large quantity of leaves which are delicious when cooked and served like Spinach. Pkt. 5 cts. oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 45 cts. lb.; 5-lb. lots, 40 cts. lb.; 10-lb. lots, 35 cts. lb., postpaid.

303. White Seed Mustard. (40 days.) The leaves when young are mild and tender. Seed light yellow. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts., postpaid.

### MUSTARD SPINACH—See page 32

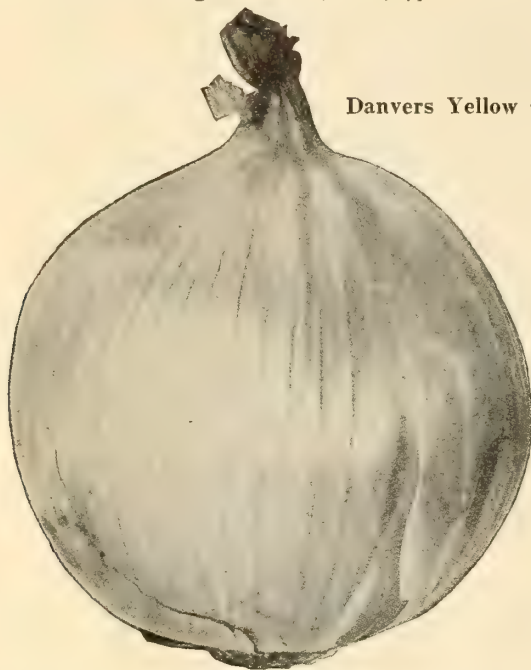
139. Tendergreen or Mustard Spinach. (30 days.) Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 65 cts.; 2-lb. lots, 55 cts. lb.; 5-lb. lots, 50 cts. lb.; 10-lb. lots, 45 cts. lb., postpaid.

One Ounce Will Sow  
100 Feet of Drill

## ONION

Six Pounds  
to the Acre

Prices Include Postage on Pkts., Ozs., ¼ Lbs. and Lbs.



Danvers Yellow Globe

**CULTURE.** For sets sow the seed early as possible in the spring, very thickly in drills. As soon as the tops die off in summer remove them to a dry, airy place, and early in the following spring replant by placing the sets in shallow drills, 12 inches apart, and about 4 inches apart in the drills. The onions obtained by that process are of a large size early in the season. May also be grown to full size during the first season by sowing thinly in drills 1 foot apart and about ¼ inch deep in March or early in April, in strong land, well manured, and thinning them out to 3 to 4 inches apart in drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground. By sowing onion seed in frames in February and March and transplanting in April onions of immense size can be obtained. For this purpose Prize-Taker succeeds best.

**85. White Silver Skin Onion.** ("Best in Garden" Variety.) (100 days.) This famous onion retains its great popularity. Its delicate and mild flavor, its shapely form and size, and its pure color make it a most desirable variety for the table, for the market and for shipping. Onion sets are extensively grown from this sort, and from these sets full-size onions are grown as early as June and July. The onion sets and large onions are used for pickling purposes because of their clean, silvery white color. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.85 lb.; 5-lb. lots, \$1.75 lb., postpaid.

**296. Yellow Globe Danvers.** (110 days.) A popular variety of fine flavor and a splendid producer. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 50 cts.; lb. \$1.75; 2-lb. lots, \$1.65 lb.; 5-lb. lots, \$1.60 lb., postpaid.

**201. Southport Yellow Globe.** (110 days.) Some gardeners claim the Eastern-grown seed produces a more solid onion than the Western-grown. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.85 lb.; 5-lb. lots, \$1.75 lb., postpaid.

**36. Danvers Flat Yellow.** (110 days.) Color brownish-yellow; bulbs quite round and of good size. This is one of the varieties grown for sets. They are more hardy than the whites, and keep better through the winter. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. \$1.75; 2-lb. lots, \$1.65 lb.; 5-lb. lots, \$1.60 lb., postpaid.

**327. White Prosperity Onion.** (100 days.) Snow white bunching onion. Makes no bulb. Sow as early in Spring as possible. Cover lightly. Sow medium thick as they multiply during Summer. Ready for market about July 1st. They also may be left over winter for spring bunching. Very hardy. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00, postpaid.

**224. Mammoth Prize-Taker.** (100 days.) This onion is seen on fruit stands in the fall and is the largest and handsomest onion in cultivation, and can be grown full size from seed. It keeps well, has white flesh, and mild, delicate flavor. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.85 lb.; 5-lb. lots, \$1.75 lb., postpaid.

**293. White Portugal.** (100 days.) Fine color; mild flavor; pure white. Fine for onion sets and pickles; will grow to large size if sown thinly and kept worked. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00; 2-lb. lots, \$1.85 lb.; 5-lb. lots, \$1.75 lb., postpaid.

**188. Ebenezzer or Japanese.** (100 days.) Similar to Yellow Globe Danvers in shape and size but are superior in flavor and keep longer. They are firm, solid, have a thin skin and are agreeably mild. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. \$1.75; 2-lb. lots, \$1.65 lb.; 5-lb. lots, \$1.60 lb., postpaid.

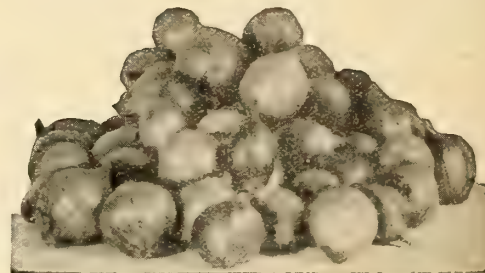
**206. Large Red Wethersfield.** (100 days.) Produces beautiful, thick, flat-shaped, rich, purplish-crimson colored solid bulbs. It always commands a good price in the market. It is a good keeper and of excellent quality. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. \$1.75; 2-lb. lots, \$1.65 lb.; 5-lb. lots, \$1.60 lb., postpaid.

**225. Southport White Globe.** (110 days.) Of all our American varieties of market onions, this generally commands the highest price. Of true globe form, the onions are 2 to 2½ inches in diameter, with a thin, delicate skin of purest paper whiteness. The flesh is crisp, fine grained, snowy white in color and very mild flavor. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 65 cts.; lb. \$2.25, postpaid.

## ONION SETS

### Onion Sets by Mail

We will send by mail postpaid either Yellow or White Onion Sets at 20 cts. per ½ pound (about one pint), or 35 cts. per pound (about one quart), safely packed.



We Supply Onion Sets in Any Quantity Up to Carloads

WHITE SILVER SKIN      YELLOW DANVERS  
RED WETHERSFIELD      JAPANESE

Write for latest prices. Prices subject to market changes.

## MUSHROOM SPAWN

Mushrooms may be grown in cellars, under benches or greenhouses or in sheds, wherever the temperature of 50 degrees can be kept up through the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. One form of spawn is sufficient for 35 square feet of prepared beds.

**American Spawn.** In bottle forms. Per form, \$1.00; per ¼ form, 25 cts.; 5 forms, \$4.00.

If requested, with each one dollar order for Mushroom forms, we will send a book on Culture. Books alone, 10 cts.

Prices Include Postage on Pkts. Ozs., ¼ Lbs. and Lbs.

1 oz. Will Sow  
30 Feet of Drill.

## GREEN OKRA

Ten Pounds  
to the Acre.

### CULTURE.

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow seed thickly in rich ground about the middle of May, or when ground has become warm in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills.

**154. Dwarf Green Prolific.**  
(60 days.)

A very early variety, dwarf in habit but



Improved Long Green Okra

producing very freely short green pods slightly ridged and yet of fine flavor and quality. Its pods can be easily dried for winter. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**189. Improved Long Green.** (60 days.) A very desirable sort for market gardeners; of medium height; very handsome; bears long pods, which remain tender a long time and are free from hard ridges. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**56. Perkin's Mammoth Long-Podded.** (60 days.) Pods shoot out from the stalk within three inches of the ground and the whole plant is covered with them to its extreme height. Pods are an intense green color, 9 to 10 inches long, very slim and do not get hard. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

One Ounce Will Sow  
200 Feet of Drill.

**83. Hollow Crown Sugar Parsnip, or Hollow Hub.** (100 days.) The best and handsomest parsnip. Half long, wedge-shaped, hollow crowned, and very broad at the shoulders, easily taken out of the ground, and producing more tons to the acre than the longer and thin varieties. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 50 cts. lb., postpaid.

**153. Hollow Crown.**  
(100 days.) Home Grown.  
Crop Failure



Hollow Crown, or Hollow Hub Parsnip

One Ounce Will Sow  
100 Feet of Drill.

## PARSLEY

Six Pounds  
to the Acre.

**CULTURE.** Succeeds best in a mellow, rich soil. Sow thickly in April in rows 1 foot apart and ½ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from 3 to 4 weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker soak the seed a few hours in warm water or sprout in damp earth and sow when it swells or bursts. For winter use protect in a frame or light cellar, or lift some of the plants and reset in six-inch flower pots or small boxes and place in kitchen window.



Parsley

**194. Emerald, or Dwarf Extra Curled.** (70 days.)

Leaves are tender, beautifully curled; handsome, bright green color; very pretty; makes long stems. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 65 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 50 cts. lb., postpaid.

**106. Market Gardener's Best Triple Curled.**

("Best in Garden" Variety.) (70 days.) The plant is of a very robust and free growth, and it is improved by severe cutting. The leaves are very large and beautifully curled, and of a very dark green. It will stand the heat, drought and cold better than many other varieties. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb., postpaid.

**341. Plain, or Single.** (70 days.) Leaves flat, deeply cut, not curled, but very dark green. Plant very hardy. One of the most popular varieties for Southern culture. A good producer of excellent quality garnish. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 65 cts.; 2-lb. lots, 60 cts. lb.; 5-lb. lots, 50 cts. lb., postpaid.

## PARSNIP

5 to 6 Pounds  
for an Acre.

**CULTURE.** Sow as early in the spring as weather will permit in drills 15 inches apart in rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding as well as for table use.

One and One-Half Bushels to the Acre.

## PEAS

1 Quart Will Plant 100 Feet of Drill.

Weight by Parcel Post, Including Packing, 4 Qts., 9 Lbs.; Pk., 17 Lbs.—Parcel Post Table, Page 2.

**CULTURE.** Peas mature earliest in light, rich soil. For general crop use a rich, deep loam or inclining to clay is best. When grown in garden sow in double rows 6 to 8 inches apart; the rows 2 to 4 feet apart. Commence sowing the extra early varieties as early as the ground can be worked in February or March; transplant for a succession every two weeks until June, then discontinue until the middle of August, when a good crop may be secured by sowing extra early and early sorts for fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small, round sort and if planted early should have a dry soil or they are liable to rot in the ground. They are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited for small gardens.

### Extra Early Dwarf Varieties



Early Bird Peas

**532. Bolgiano's "Early Bird" Peas.** ("Best in Garden" Variety.) (50 days.) This wonderful semi-wrinkled dwarf variety can be planted as soon as the ground can be worked. They do not rot in the ground like fully wrinkled peas. The dwarf vigorous vines measure 18 inches and carry enormous crops of large, beautiful, deep green pods, 4 to 5 inches long, and are filled with 9 to 10 large blue marrow peas of fine flavor. Bolgiano's "Early Bird" Pea is a profitable variety for the market gardener. For the home gardener it is unsurpassed. Send your orders early. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.85; bu. \$6.75, not prepaid.

**30537. Extra Early Progress Pea.** (55 days.) Beautiful long dark green pods filled full of luscious peas of the wrinkled variety. The vines are about 18 inches high and most prolific bearers. You will certainly be delighted with this pea if you give it a trial. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.75; bu. \$6.50.

**537. Laxtonian.** (55 days.) This handsome new wrinkled pea is the largest podded of the dwarf varieties on our list. The beautiful dark green pods are similar to Gradus in shape and splendid quality; are very nearly as large in size and mature a little earlier. The vines are vigorous, productive, averaging 15 to 18 inches high, foliage dark green; pods about 4 inches in length. Seed light green, large, wrinkled, flattened, irregular in shape. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.75; bu. \$6.50.

We Pay Postage on Pkts., Pts. and Qts. of Seed Peas Only. Larger Quantities, Parcel Post, Freight or Express Charges Extra.

Peas are both nutritious and delicious. They are at their best when picked fresh from the vines. Every garden should produce enough peas to supply the table for many weeks.

### SPECIAL OFFER

#### VEGETABLE AND FLOWER SEEDS ONLY

\$1.25 Worth of Seed for \$1.00, Postpaid

You can select \$1.25 worth of packets or ounces of either vegetable or flower seeds and we will send it to you for \$1.00, postpaid. Cash must accompany order. This does not apply to packets purchased at our special offer of 3 for 25 cts. nor to any of our special collection offers in this catalog. It does not apply to any quantities over ounces.

**527. Nott's Excelsior.** (55 days.) Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.85; bu. \$7.00.

**546. Premium Gem.** (55 days.) This variety is nearly as early as the American Wonder, and the vine is decidedly larger, growing from 12 to 16 inches, and bearing an immense crop of pods which are larger and invariably filled with peas of best quality. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.85; bu. \$6.75.

**539. American Wonder.** (55 days.) This variety stands unrivaled in point of productiveness, flavor and quality. It is of dwarf and robust habit, growing from 10 to 15 inches high, and produces a profusion of good-sized and well-filled pods, of finest flavor. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.85; bu. \$7.00.

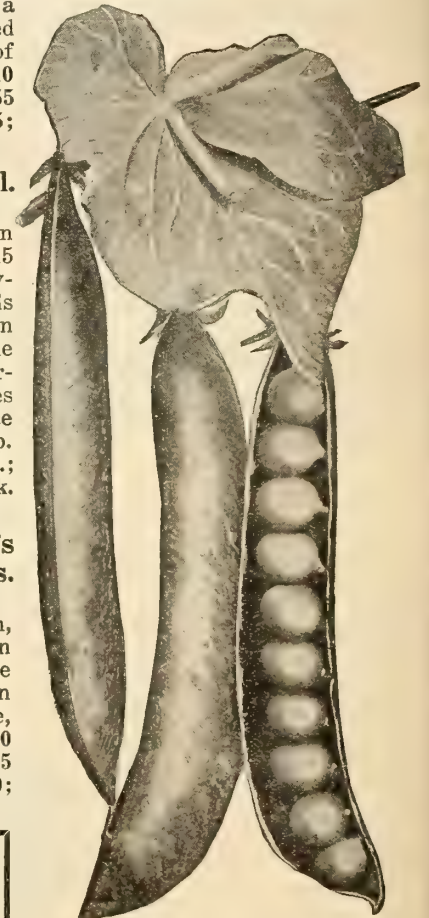
#### 541. Little Marvel.

(55 days.) Vines of dwarf even growth, averaging 15 inches in height. Heavily set with fine pods and frequently borne in pairs. Ready for table fully as early as American Wonder. Vines are larger and produce a much heavier crop. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.85; bu. \$7.00.

#### 10537. Bolgiano's 100% Profit Peas.

(55 days.) Only grows 1 foot high, but quickly produces an abundance of immense beautiful, deep green pods, filled with large, delicious peas. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.90; bu. \$7.00.

INCREASE YOUR  
YIELD OF PEAS  
BY INOCULATING  
WITH  
NITRAGIN



Laxtonian Peas

One Large 10 ct. Pkt. Any Three Varieties of Peas for 25 cts., Postpaid

## PEAS—Extra Early Varieties



Long Podded Alaska Peas

early peas for market gardeners. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.65; bu. \$6.00.

### 534. Extremely Early Long-Podded Alaska. (55 days.)

Vigorous handsome, long-podded, delicious flavored Alaska pea. It has all the good qualities of our Famous Extra Early Alaska Pea, and in addition it has a well-filled, long pod, which will fill the basket quickly, and while it is not a distinctly sugar pea, yet it has a much sweeter flavor than the Alaska. It is an abundant yielder. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.95; bu. \$7.25.

### 536. Extra Early Alaska. (55 days.)

The earliest of all smooth green peas, having the best color when shelled and the best quality when cooked. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing its color, which quality, combined with its earliness and uniformity of ripening, make it one of the best

### PLEASE REMEMBER "Best in Garden" Varieties

These do not in every case represent our latest introductions, but they do represent those varieties that stand out conspicuously in any garden as the "Best in the Garden." You are playing safe by planting liberally of these varieties.

### 535. Extra Early Gradus, or Prosperity Peas. (55 days.)

It produces pods equal in size to the well-known Telephone. Quality and productiveness equal to that well-known variety. The vines are vigorous, robust growth about 2½ feet high, thick stems and luxuriant foliage; it bears large, handsome pods with immense, luscious peas, remaining sweet and tender a long time after they are fit to pick. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.75; bu. \$6.50.

10519. First and Best. (55 days.) Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.75; bu. \$6.50.

20534. Ameer. (55 days.) Fine podded Extra Early; prolific. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.75; bu. \$6.50.

**THE GARDENER**, by L. H. Bailey. Beginning with A and running through to Z, this book lists and tells how to plant and care for all the common flowers, vegetables, and fruits from the time they are planted through to maturity. Entries are cross-referenced and the book is especially easy to use. 116 illus., 260 pages. \$2.00, postpaid

533. Extra Early Thomas Laxton. (55 days.) An extra early wrinkled marrow of excellent quality, and a valuable addition to the very early varieties. It is three feet high and somewhat more vigorous in habit than Prosperity. The pods are medium to large, blunt-ended and filled to the tip with large peas of true, rich "marrow" flavor. Its strong vine and heavy cropping character make it very suitable for an early crop in the private garden. It may be used to great advantage as an immediate successor to Early Bird. If sown together, Thomas Laxton will be in full production just as the crop of Early Bird is diminishing. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.75; bu. \$6.50.

## Second Early or General Crop

531. Telephone. (70 days.) A wrinkled variety of very robust habit and a great bearer. A single vine produces from 8 to 10 unusually long, well-filled pods of largest size, containing 10 to 11 peas. It is very productive, of fine flavor and an excellent table variety. Height about 4 feet. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.75; bu. \$6.50.

10531. Alderman. Tall, vigorously productive. Pkt. 10 cts.; pt. 30 cts.; qt. 55 cts., postpaid; pk. \$1.80; bu. \$6.75.

## PEAS—Edible-Podded or Sugar

528. Melting Sugar. (75 days.) Grows to height of 5 feet; bears a profusion of large, broad pods, which are so brittle they snap without any string. Should be used in much the same way as wax bean. Pods, when cooked, are very sweet and tender. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts., postpaid; pk. \$2.75; bu. \$10.00.

### NITRAGIN FOR GARDEN USE

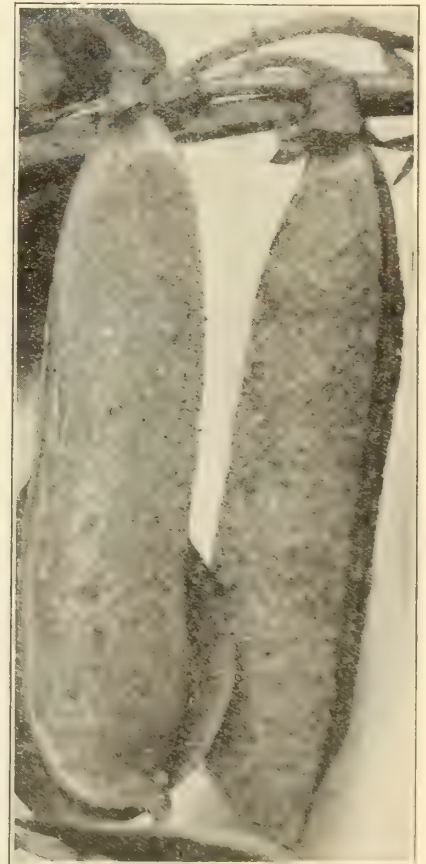
Every garden needs Nitragin; fresh high count NITRAGIN, containing billions of nitrogen-gathering germs build up the soil. Costs less than others—is cheapest crop insurance. Insist on NITRAGIN. Garden size is for Peas, Sweet Peas, and Beans, including Lima (3 in one Inoculate). Price 10c



### MANUAL OF GARDENING, by L. H. Bailey.

You can depend on this book to supply you with complete and practical information on planting and landscaping your home grounds. Tells how to make the most of natural features; how to drain, cultivate, and fertilize the soil; how to sow, propagate, transplant, prune, and graft the different classes of fruits, vegetables, and flowers. Gives lists of varieties suited for different purposes. 350 illustrations. 539 pages. \$3.00

Postpaid



Extra Early Gradus

## PEPPER One Ounce Will Produce About 1,500 Plants.

Prices Include Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

**CULTURE.** Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild, sweet varieties, like Bull Nose and Ruby King, are used for Mangoes, while the small-fruited sorts are best for sauces. Sow in hotbeds in March or April or sheltered border in May; when the season is favorable transplant in rows 2 feet apart and 18 ins. in the row, in good, rich, mellow ground.

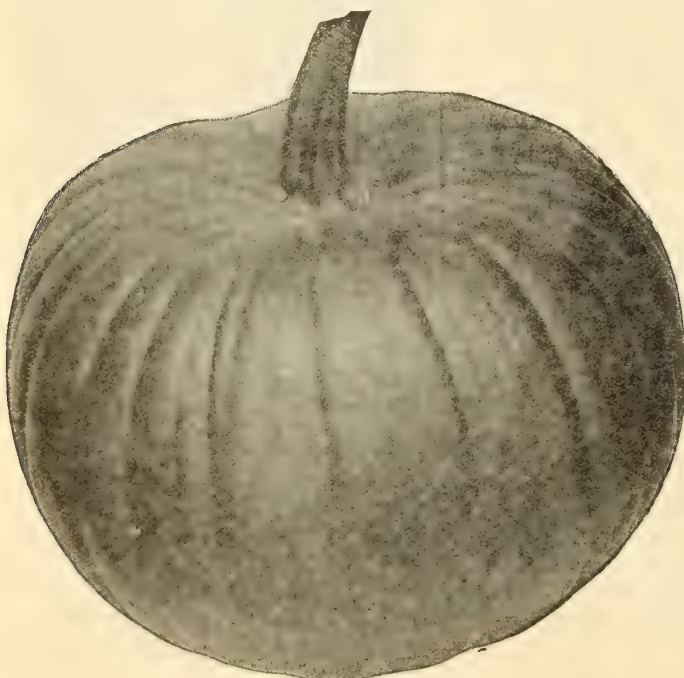
**328. California Wonder Pepper.** (120 days.) ("Best in Garden" Variety.) A new pepper of real merit. It's nearly as large and earlier than Chinese Giant, but is blocky or square ended. It is especially free from roughness. It's pretty as a picture. Just the ideal shape. It will sit upright and is perfect to stuff and bake or to serve whole with salad. Its walls are exceptionally thick, heavier and firmer than any other sort. The flesh is deliciously sweet and spicy with no bite to it. The bright attractive green when young changes to a brilliant light crimson as they mature. Full grown peppers commonly have a breadth of 4 inches and a length of  $4\frac{1}{2}$  inches, weighing as much as a full pound. The plants are slightly spreading, sturdy and productive, bearing from 5 to 9 large fruits to a setting. For the home gardener, market gardener and shipper, this is the ideal pepper. Give it a trial. Pkt. 10 cts.; oz. 45 cts.;  $\frac{1}{4}$  lb. \$1.35; lb. \$4.00; 2-lb. lots, \$3.75 lb.; 5-lb. lots, \$3.50 lb., postpaid.

**263. Chinese Giant.** (120 days.) This monstrous fruiting variety averages 12 to 15 inches in circumference and, notwithstanding its immense size, it is very early and prolific. The flesh is thick, tender, mild, sweet and unexcelled when sliced or for stuffing for "mangoes." When ripe the surface is of a brilliant varnished scarlet. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.50; 2-lb. lots, \$4.25 lb.; 5-lb. lots, \$4.00 lb., postpaid.

**274. Bell, or Bull Nose.** (120 days.) Produces a very large-sized pepper, which is highly esteemed for pickling. Flesh is sometimes quite hot in flavor. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.25; 2-lb. lots, \$2.00 lb.; 5-lb. lots, \$1.85 lb., postpaid.

**253. Long Red Cayenne.** (120 days.) A long red variety, very hot, and is generally used for seasoning soups. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.00; 2-lb. lots, \$2.75 lb.; 5-lb. lots, \$2.50 lb., postpaid.

**266. Red Chili.** (135 days.) They are pointed like the Cayenne, but not so long nor so thick, and are exceedingly pungent when ripe. Requires a long, warm season. The plants should be started early in a hotbed. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.75; 2-lb. lots, \$3.50 lb., postpaid.



Small Sugar Pumpkin



California Wonder Pepper

**283. Ruby King.** (110 days.) 4 to 6 ins. in length and  $3\frac{1}{2}$  to 4 ins. thick, yet retaining the symmetrical shape of the smaller size. Very bright colored and the flesh is sweet and mild flavored. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb. \$2.75; 2-lb. lots, \$2.60 lb.; 5-lb. lots, \$2.35 lb., postpaid.

**306. Pimiento.** (110 days.) About  $3\frac{1}{2}$  inches long by  $2\frac{1}{4}$  inches across the stem, being decidedly conical in shape, and are of rich bright scarlet color. The meat or flesh is tender and sweet. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.; lb. \$2.50; 2-lb. lots, \$2.25 lb.; 5-lb. lots, \$2.00 lb., postpaid.

Hills, Eight  
Feet Apart.

## PUMPKIN

Two Pounds  
to the Acre.

**CULTURE.** May be planted middle of spring, among the Indian corn or in the field or garden, in hills 8 to 10 feet apart each way, four seeds in a hill. In other respects they are cultivated in the same manner as melons and cucumbers. Avoid planting them near other varieties.

**245. King of the Mammoth, or True Potiron.** (90 days.) The great prize pumpkin growing the largest of all, from 100 to 200 pounds in weight, bright, yellow, tender, excellent. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 80 cts. lb.; 10-lb. lots, 75 cts. lb., postpaid.

**126. Large Sweet Cheese.** (85 days.) A most popular variety; fruit flattened; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick and tender. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 50 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts. lb., postpaid.

**197. Sweet Potato.** (90 days.) The finest variety for table use. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 60 cts. lb.; 10-lb. lots, 55 cts. lb., postpaid.

**158. Connecticut Field, or Large Yellow.** (85 days.) The common field variety. Excellent for feeding. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 45 cts. lb.; 5-lb. lots, 40 cts. lb., postpaid.

**75. Yellow Winter Crookneck.** (100 days.) Fruits are about 2 ft. long, with solid, meaty, curvy neck. Color solid yellow. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 80 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 65 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**181. Green Striped Cushaw.** (85 days.) Fruits very large, with crooked neck. Color creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse but sweet. This sort is very productive. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 80 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 65 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.

**220. Sugar or Pie.** (70 days.) Orange-colored skin and flesh of unusually fine, sugary flavor, fine-grained, very productive, and keeps well. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.



## MAINE SEED POTATOES

See Inclosed Pink Sheet for Latest Prices on Seed Potatoes

The HOULTON (MAINE) SEED POTATOES are universally acknowledged to be the best; grown in the cold North, where Nature conspires against all but the strongest, we get our best seed. For earliness and productiveness we are convinced that Maine-grown seed are the best, and, in the long run, cheapest. Why not take the same care in selecting your seed potatoes as you would your cabbage?

### Trust Buster.

(Bolgiano's extra early seed potato). It is not only early, but it is a heavy producer of potatoes of the very finest texture and quality. These potatoes are uniform in size, color, and fine flavor. They are quickly prepared for cooking, as the skin peels readily and they cook dry and mealy.

**Irish Cobbler.** The most popular of the early varieties. Of handsome cream white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly, and is a good keeper.

**"Prosperity"** (the best second early and main crop potato). Yields great crops of even, fine, smooth, large potatoes, even under the most unfavorable circumstances, and can be relied upon to bring in good money. The flesh is as white as snow, and cooks dry and mealy. The eyes are even with the surface, the skin white, with rich, yellowish-creamy cast, and considerably ruffled or netted.

**Green Mountain, or State of Maine.** The best main crop potato now on the market; fine yielder; fine flavor; fine appearance. Free from blight and rot. Keeps well, and is always ready for the table.

**Early Long Six Weeks.** Ready for the table in six weeks.

**Red Bliss Triumph, or Improved Red Bermuda.** One of the earliest varieties grown; its great productiveness, handsome color and resistance to disease make it most popular.

**Spalding Early Rose.** This is a popular potato; very early; fine quality, and very productive.



Irish Cobblers

Our stocks have been grown for seed purposes, and are carefully selected for yield and purity. Get our prices before you buy. Several have told us that seed gotten from our house yields from 20% to 25% more than seed saved by themselves.

If shipments are requested during severe cold weather, the tubers travel solely at purchaser's risk.

### POTATO FERTILIZER

We Recommend 4-8-5

Contains those elements essential to grow quality potatoes. See page 80.

## SWEET POTATO ROOTS

**CULTURE.** Don't wait for a rain or a 'season' to set out sweet potato plants. Harrow your ground well before laying it off, then throw up the ridges higher than you want them, and if the soil is very dry allow 2 or 3 days for the moisture to rise; then knock off the top of the ridge just ahead of planting; make a mud batter with water and clay loam, or, better, with the addition of fresh cow dung, about as thick as cream; dip the plants, in hands of about 20, into this, so that a large quantity of the mud clings to them.

**Big Stem Jersey Sweet Potatoes.** They are of fine size, and the yield has astonished our most critical trade. They make only a very few, and in some cases no small roots. The quality is first class.

**Nancy Hall Sweet Potatoes.** Are too well known to require any description.

**Sweet Potato Plants.** Rooted slips ready in May. The young plants should be set in May and June.

## Treat Seed Potatoes With Semesan Bel

Semesan Bel is the new instantaneous disinfectant for treating both white and sweet potatoes. In addition to controlling the common potato diseases, such as scab, rhizoctonia, black rot, scurf, black leg, etc., Semesan Bel is harmless to cut, whole or sprouted seed pieces; actually preserves the seed piece against soil-borne organism; promotes earlier and more profuse sprouting; improves the quality of the produce and increases the yield by much larger percentages as to make the cost of treatment a very profitable investment. Price, 4 ozs. 45 cts.; 1 lb. \$1.50; 5 lbs. \$6.75. Full directions for using Semesan Bel, as well as a summary of the results obtained by prominent potato growers and Agricultural Experiment Stations will be found in the Semesan Bel Potato Booklet which we will mail free to your address on request.

### Potatoes for June and July Planting

We carry in cold storage all the leading varieties so as to have them in sound, vigorous and unspouted condition. Write for prices.

6 Ounces of Seed will  
Plant 100-Yard Row.

## RADISH

Eight to Twelve  
Lbs. to the Acre.

Prices Include Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.



Scarlet Globe Radish

### Extra Early Round Varieties

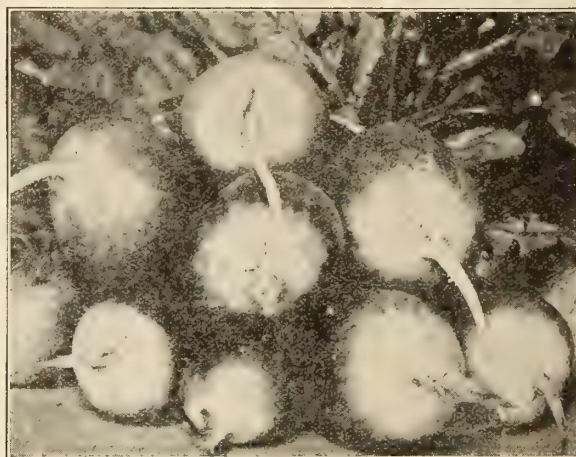
**79. Bolgiano's No. 2 Scarlet Globe Radish.** ("Best in Garden" Variety.) (25 days.) Is the very best in every way. It is handsome in form and color, beautiful oval and rich scarlet. The amount of its foliage is small, compared with other varieties, and small for the size of the radish. The peculiar merit of this variety as a forcing radish is that it will bear the heat requisite for forcing without becoming pithy or spongy. The flesh is tender, juicy and mild. It is equally as good for open garden as for forcing, and therefore it commends itself equally to the amateur and market gardener. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 50 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts. lb., postpaid.

**311. Model White Box.** (25 days.) An early variety, very popular with market gardeners. Radishes grow 1 to  $1\frac{1}{2}$  inches in diameter, with pure paper-white skin; crisp, mild flesh. Largely planted in the field for the earliest market crop. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 70 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 55 cts. lb.; 10-lb. lots, 50 cts. lb., postpaid.

**91. Scarlet Turnip White-Tip Radish.** (25 days.) It has been brought to our market two weeks after planting, and always is a very early crop for frames and for open ground culture. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 50 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts. lb., postpaid.

#### CULTURE

Radishes thrive best in light, rich, mellow soil, and to bring out their mild qualities they must make quick and tender growth. Sow for very early use in hotbeds during the winter and early spring, or later on in sheltered borders in well-manured, deeply-dug and finely-raked soil. If not well stimulated into a rapid growth they become fibrous and tough. Sow in drills 10 inches apart and thin to 2 inches in the rows. Sow at intervals of 2 or 3 weeks until September for a succession. Sow winter varieties in July and August. Like the turnips, they make the best growth in the autumn, and must be taken out before severe frost and stored away in a cool cellar in sand or in a pit where they will keep tender and crisp all the winter. Before using, put in cold water, which adds to their freshness.



Scarlet Turnip White-Tip Radish

**55. Glowing Ball Radish.** (23 days.) It is a round forcing short top radish, very bright scarlet with almost an orange glow. Glowing ball is the result of five years development from an unusually bright colored specimen selected from round scarlet radish. It can be used for greenhouse as well as for the open. It has a very attractive color and a smooth, silky skin, short topped, very small top root, ball shaped and about one inch in diameter. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 85 cts.; 2-lb. lots, 80 cts. lb.; 5-lb. lots, 70 cts. lb.; 10-lb. lots, 65 cts. lb., postpaid.

**208. French Breakfast.** (25 days.) Elongated olive-shaped roots; color bright carmine with base of root and top root clear white. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 55 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts., lb., postpaid.

**316. Crimson Giant.** (28 days.) Its roots attain more than double the size of those of other turnip varieties, without getting pithy or hollow. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 55 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts. lb., postpaid.



White Icicle Radish

### Early Long Varieties

**278. White Icicle or Lady Finger.** (28 days.) (See illustration.) A long radish, transparent white, small top, allowing close planting, and is very crisp and brittle. The Radishes remain in good condition for a long time while growing, allowing continuous use from one planting. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 50 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts. lb., postpaid.

**95. Improved Early Long Scarlet Short Top.** (28 days.) This improved strain of the Long Scarlet Radish is regarded by our most extensive gardeners to be the finest stock grown; for earliness, brilliancy of color and shortness of top, it cannot be surpassed, and it is the most profitable one to grow for an early crop. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 50 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts. lb., postpaid.

One Large 10c Pkt. of Any Three Varieties of Radish Seed for 25 cts, Postpaid

## RADISH

Prices Include Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

### Summer and Autumn Varieties



White Strasburg Radish

**118. White Strasburg.** (40 days.) Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender and of a delightful, pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality, and remains in a tender condition longer than any other summer sort. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 50 cts. lb.; 5-lb. lots, 45 cts. lb.; 10-lb. lots, 40 cts. lb., postpaid.

### Winter Varieties

The seed should not be sown until about July 1st, and if the rows are kept well cultivated the roots continue to make growth until early in the fall.

**78. White Chinese, or California Mammoth.** (60 days.) As solid and juicy as an apple, pure white flesh and delicious flavor—a very choice variety. Should be sown in



China Rose Radish

June and July, and is ready for use when 3 ins. long, and continues to grow until it is 6 ins. long. A first-class winter radish and always attracts favorable comment at the table or on the market stall. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 65 cts.; 2-lb. lots, 55 cts. lb.; 5-lb. lots, 50 cts. lb.; postpaid.

**190. Long Black Spanish.** (60 days.)

One of the latest and hardiest radishes. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 65 cts., postpaid.

**157. China Rose, or Scarlet China.** (60 days.) One of the most popular fall and winter sorts. Roots about 6 inches long. Skin smooth and of a bright rose color. Flesh very firm and crisp. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 65 cts.; 2-lb. lots, 55 cts. lb.; 5-lb. lots, 50 cts. lb., postpaid.

## RHUBARB

One Ounce of Seed Produces 500 Plants

**203. Victoria.** Very familiarly known as the Pie Plant. The stalk is the portion that is used and is the first vegetable of the season from the garden; cultivated to a great extent and is indispensable wherever it is known. Sow the seed early in the spring in rows 1 foot apart on rich ground; the second year after planting they can be removed in autumn to the permanent spot allotted to them; plant the roots 2 feet apart each way in ground that is well enriched, at least 2 feet deep. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50; 2-lb. lots, \$1.25 lb.; 5-lb. lots, \$1.10 lb., postpaid. Roots, \$1.00 per dozen—add 25 cts. per dozen if sent by mail; \$7.50 per 100. Express collect.



Rhubarb

## SALSIFY, or OYSTER PLANT

One Ounce for 50 Feet of Drill; 10 Pounds to an Acre.

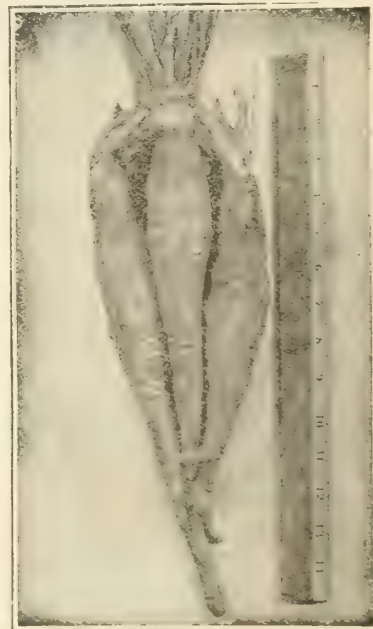
**CULTURE.** A fine vegetable, used the same as carrots or, having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots and parsnips. It is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 ins. apart, 1 inch deep; thin to 6 inches in the rows.

**116. Sandwich Island Mammoth.** (110 days.)

One of the most delicious of winter vegetables, and also one of the most nutritious; the flavor is sweet and highly esteemed. This variety, where known, is entirely superseding the old type, as it produces roots nearly double the size and weight, and of equally good quality. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50; 2-lb. lots, \$1.40 lb.; 5-lb. lots, \$1.25 lb., postpaid.

**291. Bolgiano's Great Giant.** (110 days.)

By far the largest, smoothest, most tender salsify ever sold to the trucker. Its delicious flavor and attractive appearance bring the buyers and holds their trade. It easily outsells every other salsify, and outyields all other varieties. Truckers who have tried the "Great Giant" say it is ideal. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. \$1.75; 2-lb. lots, \$1.65 lb.; 5-lb. lots, \$1.50 lb., postpaid.



Salsify, or Vegetable Oyster

Radishes are one of the first things you can pick from your garden in the spring, and winter varieties can be enjoyed until January.

Write Us for Special Prices on Large Quantities of Radish Seed

Prices Include Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

15 to 20 Lbs. in Drills an Acre **SPINACH** Two Ounces for 100 Feet of Drill

**CULTURE.** This is an important market gardener's crop, of easy culture. For spring and summer use sow either broadcast or in drills 1 foot apart and 1 inch deep as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves.



Selected Bloomsdale Spinach

#### 604. Long Standing Bloomsdale Savoy.

(48 days) ("Best in Garden" Variety)

This new selection possesses extreme merit for the spring crop. While not quite so early as the old type Savoy, it may be harvested long after other types have grown to seed. The dark green, heavy foliage is as heavily savoyed as the best of other strains. Pkt. 5 cts.; 2 ozs. 15 cts.; ¼ lb. 20 cts.; lb. 40 cts., postpaid; not postpaid, 10 lbs. at 20 cts., 25 lbs. at 17 cts., 100 lbs. at 15 cts. lb.

**601. Victoria Spinach.** (48 days.) The foliage is heavy, the broad, dark green leaves are of the finest quality. Pkt. 5 cts.; 2 ozs. 15 cts.; ¼ lb. 20 cts.; lb. 40 cts., postpaid.

**603. Spring Spinach.** (48 days.) The most valuable for spring sowing. Its long-standing quality makes it the best for that purpose. The foliage is very attractive, heavy dark green, curled leaves, of the true Savoy appearance. It will stand from 2 to 3 weeks after other varieties of spinach have shot to seed. It can be planted all spring and summer with surety of making a crop. Pkt. 5 cts.; 2 ozs. 15 cts.; ¼ lb. 20 cts.; lb. 40 cts., postpaid. Not postpaid, 10-lb. lots, 21 cts. lb.; 25-lb. lots, 20 cts. lb.; 100-lb. lots, 17 cts. lb.

**99. Old Dominion.** (45 days.) This is the latest development in blight resistant spinach. Leaves are a beautiful dark green, well blistered. Plant is compact and lays low to the ground. While early in season, it is a rapid grower and stands longer than any other blight resistant type. Pkt. 5 cts.; 2 ozs. 15 cts.; ¼ lb. 20 cts.; lb. 40 cts., postpaid. Not postpaid, 100-lb. lots, 18 cts. lb.

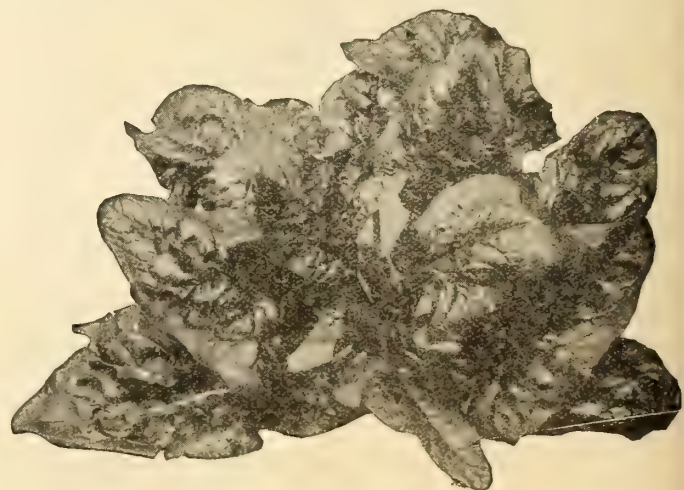
**602. Bolgiano's Selected Bloomsdale Savoy.** (45 days.) A mammoth seeded selection that possesses a vitality and vigor of growth and far outyields any other variety. After many years of tireless effort at breeding we are pleased to be able to offer a limited quantity of this improvement on the old standby. So we would advise your early orders, for when our stock gives out, you will have to wait until our new crop is harvested. Pkt. 5 cts.; 2 ozs. 15 cts.; ¼ lb. 20 cts.; lb. 35 cts., postpaid. Not postpaid, 10-lb. lots, 15 cts. lb.; 25-lb. lots, 14 cts. lb.; 50-lb. lots, 13 cts. lb.; 100-lb. lots, 12 cts. lb.

**605. Extra Dark Green Savoy Spinach.** It is probably about 2 days later than Bloomsdale Savoy but the plants are larger and less liable to bolt to seed, more heavily crumpled and of more upright growth. The very dark green color is however the chief advantage. The plant breeder in making the selection for this dark green color has also improved the strain in its savoyed characteristics and entire freedom from smooth leaved plants. Pkt. 5 cts.; 2 ozs. 15 cts.; ¼ lb. 20 cts.; lb. 40 cts., postpaid. Not postpaid, 10 lbs., 20 cts. lb.; 25-lb. lots, 17 cts. lb.; 50-lb. lots, 15 cts. lb.; 100-lb. lots, 14 cts. lb.

**212. New Zealand (Tetragonia expansa).** (55 days.) This is very different in character of growth, and when started early in the spring the plants will resist hot weather and produce right up until hard freezing weather sets in. An abundance of thick, fleshy succulent leaves. Pkt. 5 cts.; 2 ozs. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb.; 10-lb. lots, 55 cts. lb., postpaid.

**600. Princess Juliana.** (50 days.) The Princess Juliana is of the long season type with large, crumpled, rich dark green leaves. It is valuable for either Spring or Autumn planting. Pkt. 5 cts.; 2ozs. 15 cts.; ¼ lb. 20 cts.; lb. 40 cts., postpaid. Not postpaid, 10-lb. lots, 21 cts. lb.; 25-lb. lots, 20 cts. lb.; 100-lb. lots, 17 cts. lb.

**139. Tendergreen or Mustard Spinach.** (30 days.) A cross between Mustard and Spinach with a delicious spinach flavor. It is desired by many in preference to spinach or mustard. It can be grown most of the year, being quite hardy in winter and standing hot weather as well. Leaves are gathered and boiled for greens just like turnips, mustard, spinach or kale. The flavor of tendergreen equals that of any other green. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 65 cts.; 2-lb. lots, 55 cts. lb.; 5-lb. lots, 50 cts. lb.; 10-lb. lots, 45 cts. lb., postpaid.



Princess Juliana Spinach

Cash discount \$1.00 per 100 lbs.  
1000-lb. lots deduct \$1.00 per 100 lbs.

To the Acre: 2 to 3 lbs., Large Seeded kinds. Bush kinds, 3 to 4 lbs.

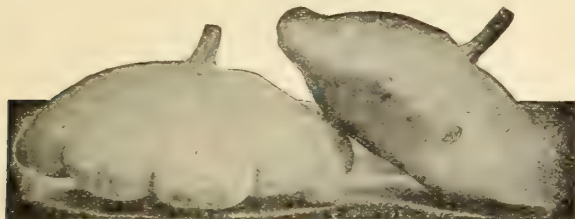
# SQUASH

1 oz. Bush Varieties for 40 Hills. Large Seeded Varieties, 1 oz. 15 Hills.

Prices Include Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

**CULTURE.** Sow in hills in the same manner and at the same time as cucumbers and melons, the bush varieties 3 to 4 feet apart, and the running kinds from 6 to 9 feet apart.

There are two kinds of squashes—one for summer use for cooking in the tender green state, and the other for storing for winter use.



Farr's Benning White Bush Squash

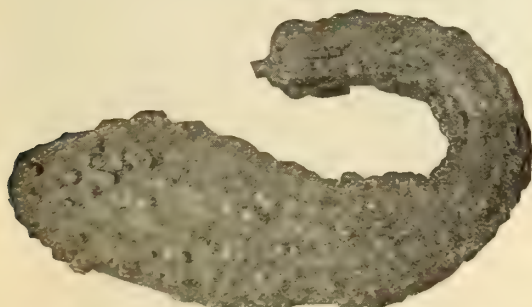
**82. Farr's Benning White Bush.** ("Best in Garden" Variety.) (50 days.) It is with great satisfaction that we can continue to offer this unrivaled Squash. For the past twenty-five years this stock has furnished the earliest squash to come on our market. In productiveness also it excels other varieties, being an exceptionally heavy cropper. The color is a beautiful green tinted white possessed by no other variety. The flavor is delicious, having few small seeds and is an excellent cooker. The strain which we offer is that originated by Mr. N. E. Farr and has been grown under our own supervision so as to constantly maintain and improve the quality. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.10 lb.; 5-lb. lots, \$1.00 lb.; 10-lb. lots, 90 cts. lb., postpaid.

**159. Early Yellow Summer Crookneck.** (55 days.) A desirable table sort, very early and productive—fruits when matured small crooknecked and covered with warty excrescences. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb., postpaid.

**331. Giant Summer Straightneck.** (60 days.) A selection from crookneck with straight, heavily warted yellow fruits. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb., postpaid.

**111. Early White Bush Scalloped, or Patty Pan.** (55 days.) Grown almost exclusively for the first crop. The rind is hard texture, which makes it suitable for shipping and it is exclusively grown in the South for that purpose. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.; 2-lb. lots, 65 cts. lb.; 5-lb. lots, 60 cts. lb., postpaid.

**305. Golden Custard, or Yellow Bush Mammoth.** (60 days.) A very early, flat, scalloped variety of largest size; skin a deep orange; flesh pale yellow and well flavored. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.; 2-lb. lots, 75 cts. lb.; 5-lb. lots, 65 cts. lb.; 10-lb. lots, 60 cts. lb., postpaid.



Early Yellow Summer Crookneck

**298. Italian Vegetable Marrow or Cocozelle.** (60 days.) Fine grained flesh of excellent flavor. Fruits large, oblong shaped, dark green at first, but as they mature become marbled with yellow and lighter green stripes. The young fruits may be fried in oil. Fine grained, tender and of excellent flavor. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 85 cts. lb., postpaid.

## Winter Squash

**140. Golden Hubbard.** (100 days.) Fruits of medium size, weighing from 6 to 8 pounds and in shape are like the Hubbard, although in condition for use decidedly earlier. They are long keepers and can be held over in good condition for spring use. The shell is moderately warted, hard, strong and of a beautiful orange red color, except for a bit of olive green on the blossom end. The flesh is deep-orange, dry, fine grained and richly flavored. A very superior table variety. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25; 2-lb. lots, \$1.00 lb.; 5-lb. lots, 90 cts. lb.; 10-lb. lots, 80 cts. lb., postpaid.



Boston Marrow Squash

**237. Chicago Warted Hubbard.** (110 days.) A superior strain of mammoth size with skin heavily warted. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25, postpaid.

**152. Hubbard.** (100 days.) A superior variety and one of the best winter keepers; flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored. Bakes very dry, equally as dry as the Sweet Potato. Our stock is the very best, and we don't hesitate to recommend it to the most critical planter. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00; 2-lb. lots, 90 cts. lb.; 5-lb. lots, 80 cts. lb.; 10-lb. lots, 70 cts. lb., postpaid.

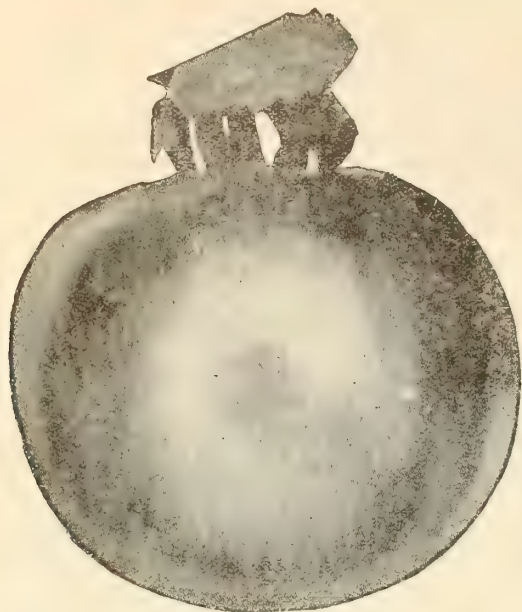
**96. Boston Marrow.** (100 days.) A splendid winter squash of good keeping qualities. Flesh bright orange, fine grain, and unsurpassed. It is oval-shaped, and thin skin of bright orange color. For pies it is equal to the best pumpkins. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. 90 cts.; 2-lb. lots, 70 cts. lb.; 5-lb. lots, 65 cts. lb., postpaid.

## TOBACCO

**CULTURE.** One ounce of tobacco produces at least 10,000 plants if sown properly. It is advisable to sow as early as possible, the usual custom being to make a large fire over the place intended for the seed-bed, in order to destroy weed seeds. The ground is put in the finest possible condition, the seed sown broadcast on the surface and pressed down firmly with a plank or the back of a spade, after which the bed must be protected by cottons or covering. When seedlings get 5 or 6 inches high, they are transplanted in rows 4 feet apart, with 3 feet between the plants. Cultivate thoroughly.

**255. CONNECTICUT SEED LEAF.** Well-known standard variety. Pkt. 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00, postpaid.

**292. MARYLAND BROAD LEAF.** Makes good size, with thick broad leaf. Produces a high percentage of bright tobacco when cured. Pkt. 10 cts.; oz. 35 cts.; ¼ lb. \$1.15, postpaid.



Scarlet Dawn

## Red Tomatoes

**307. Scarlet Dawn.** (90 days.) Size and shape like Marglobe, but ripening earlier. It is very prolific, has thick walls, bright scarlet color and ripens well up to the stem. The vines are of medium growth and fairly open. It is a variety that should be in every garden. Pkt. 10 cts.; oz. 50 cts.;  $\frac{1}{4}$  lb. \$1.40; lb. \$5.00.

**332. Pritchard or Scarlet Topper Tomato.** ("Best in Garden" Main Crop Variety.) (95 days.) Wilt-resistant, mid-season main crop variety. Heavy cropper of scarlet, globe-shaped fruits. Fruit very heavy, inside color beautiful red, desirable for canning. Abundant foliage to protect from sun scald. Excellent tomato for the home garden and market gardener as well as long distance shipper. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50; 2-lb. lots, \$3.25 lb.; 5-lb. lots, \$3.00 lb., postpaid.

**101. Break O'Day Tomato.** (90 days.) An extra early perfect globe hybridized from Marglobe and other earlier tomatoes. Almost as early as Earliana. All the wilt and disease resistance qualities of Marglobe but at least two weeks earlier. Good shipper. Beautiful red. Stands hot and dry weather. No acid. Deliciously sweet flavor. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50; 2-lb. lots, \$3.25 lb.; 5-lb. lots, \$3.00 lb., postpaid.

**88. Marglobe Tomato.** ("Best in Garden" Main Crop Variety.) Reselected and Improved from Originator's Strain. (100 days.) Strong, healthy, disease resistant vines which continue to thrive and produce fruit long after other varieties have gone. Perfectly globe shaped, of a beautiful red color. Second early main crop. Delicious flavor, free from acid; very meaty; good shipper. Excellent for the home garden. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.00; 2-lb. lots, \$2.70 lb.; 5-lb. lots, \$2.50 lb.; 10-lb. lots, \$2.30 lb., postpaid.

**207. Tomato, Penn State.** (95 days.) Vines are extremely short and self pruning allowing close (2-2 $\frac{1}{2}$  ft.) planting. Fruit are good size (a little larger and much deeper than Bonny Best), solid with few seeds. Season appears to be intermediate between extra early and Bonny Best. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.50, postpaid.

## TOMATO

6 to 8 Ozs. to an Acre;  
1 Oz. to 1,500 Plants.

**CULTURE.** The seed may be started in hotbed in March, or sufficient plants for family use can be grown in pots or boxes indoors with very little trouble. Be particular to give plants the benefit of fresh air and sun whenever judicious, for the purpose of hardening them, and cover with mats when necessary to prevent them from frosting. The two extremes of heat and cold are equally injurious. It is customary with the best gardeners to remove the plants from hotbeds to the cold frames, allowing a distance of several inches between the plants. In May select and prepare the soil and set the plants 3 feet each way. Hoe and draw earth to the stems. When the plants crowd, the fruit will be small. Have the soil very rich. For general crop sow from the middle of April or during May, in the open air, selecting good soil in a location much exposed to the sun and sheltered by a hill or woods on the north.

**77. The "President" Tomato.** (95 days.) Beautiful bright red color; mild, delicious flavor. Produces very few seeds; ripens earlier than many varieties planted for early use; a marvelous yielder. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50; 2-lb. lots, \$3.25 lb.; 5-lb. lots, \$3.00 lb., postpaid.

**173. I. X. L. Bolgiano's Extremely Early Tomato.** (95 days.) Early, largest, most prolific. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.00, postpaid.

**249. The Washington Tomato.** (100 days.) A marvelous wilt-resistant tomato. A heavy yielding main cropper, perfectly smooth, solid, rich red and meaty. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.00; 2-lb. lots, \$2.70 lb.; 5-lb. lots, \$2.50 lb., postpaid.

**86. The Bolgiano Tomato. The Potato Leaf Tomato.** (90 days.) Blossoms continually. Every vine is just loaded with perfect red solid tomatoes all during the season. The Bolgiano Tomato is two weeks earlier than Earliana. First fruit just as perfect as the prime fruit of the season. The heavy potato leaf foliage protects the fruit from sun scalds and blisters. The large stem set clusters make it a profitable tomato for the grower. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50; 2-lb. lots, \$3.25 lb.; 5-lb. lots, \$3.00 lb., postpaid.

**335. John Baer.** (100 days.) A general favorite for the home garden. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb. \$2.75; 2-lb. lots, \$2.50 lb.; 5-lb. lots, \$2.25 lb., postpaid.

**155. Bonny Best.** (100 days.) Here is an old favorite that has been continuously selected for earliness, solidity, smoothness, and evenness of ripening. It is a vigorous grower producing bright red fruit throughout the season. The heavy foliage is a good protection against sunscald. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb. \$2.75; 2-lb. lots, \$2.50 lb.; 5-lb. lots, \$2.25 lb., postpaid.



Marglobe Tomato (Reselected and Improved from Originator's Strain)

## TOMATO

### Red Tomatoes—Continued

**344. Rutgers Tomato.** An outstanding variety. Fruits are medium to large, globe shaped, slightly flattened at the stem end. Flesh very firm and red. This variety ripens from the inside, or gets its color on the inside before it fully ripens up on the outside. This makes it especially desirable for canning and for juice. The vines are vigorous, quite leafy and more resistant than some other sorts to blight and other tomato diseases. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50, postpaid.

**138. Earliana Improved.** (95 days.) This is Bolgiano's special strain, developed to retain the earliness for which this tomato is famous and to produce heavier crops of more even, smoother fruit than the old type. It can always be depended on to produce a crop at the season when crops pay best. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb. \$2.75; 2-lb. lots, \$2.50 lb.; 5-lb. lots, \$2.25 lb., postpaid.

**340. Chalk's Early Jewel.** (100 days.) Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 80 cts.; lb. \$2.75; 2-lb. lots, \$2.50 lb.; 5-lb. lots, \$2.35 lb., postpaid.

**61. Stone.** (120 days.) This is an old favorite for main crop tomatoes. Our strain is much finer than that first introduced, being very large, solid, without core and not subject to cracking. It is a good keeper, not subject to rot and a good canner. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.; lb. \$2.50; 2-lb. lots, \$2.25 lb.; 5-lb. lots, \$2.00 lb., postpaid.

**72. Bolgiano's Greater Baltimore.** (120 days.) Being a deeper, more blocky tomato than Stone, Greater Baltimore has become a universal canning favorite. It produces an unusually heavy tonnage per acre, having fine shaped fruit, very heavy, firm and meaty. For main and late crops it is also popular among home and market gardeners. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.; lb. \$2.50; 2-lb. lots, \$2.25 lb.; 5-lb. lots, \$2.00 lb., postpaid.

**178. Livingston's Favorite.** (120 days.) The fruit ripens evenly, is always smooth and holds its size to the end of the season. Flesh is of good flavor and very solid. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.00; 2-lb. lots, \$2.75 lb.; 5-lb. lots, \$2.65 lb., postpaid.



Break O'Day Tomato



Greater Baltimore Tomato

**172. My Maryland.** (120 days.) This is a main crop tomato of fine quality, producing vigorously average sized fruit that is smooth and of good flavor. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50, postpaid.

### Pink Tomatoes

**227. Ox Heart.** (110 days.) A main crop, large fruited variety of distinct appearance and perfect quality. Heart-shaped, rosy pink, and very solid fleshed, with few seeds. Single fruits often weigh two pounds or more. Mildly acid and of pleasing flavor. Home gardeners have given this new variety an enthusiastic reception. Pkt. 10 cts.; oz. 60 cts.;  $\frac{1}{4}$  lb. \$2.00; lb. \$7.50, postpaid.

**277. Livingston's Globe.** (100 days.) This variety is very popular among those in the Southern States who ship green wrapped tomatoes, for it is very firm and will stand long distance hauling well. Second early in season and very productive. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 90 cts.; lb. \$3.25; 2-lb. lots, \$3.00 lb.; 5-lb. lots, \$2.80 lb., postpaid.

**319. Ponderosa.** (110 days.) Being largest tomato that grows, it is decidedly a family favorite. It is less seedy than any other variety and of mild flavor. Quite often called the "Beefsteak." Pkt. 10 cts.; oz. 45 cts.;  $\frac{1}{4}$  lb. \$1.50; lb. \$5.50; 2-lb. lots, \$5.00 lb., postpaid.

**52. Livingston's Beauty.** (110 days.) Fine, large, purplish pink. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.00, postpaid.

**163. Dwarf Champion.** (110 days.) Dwarf habit, early, prolific; of a pink-purplish color. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1.15; lb. \$4.00, postpaid.

### Yellow Tomatoes

**276. Golden Queen.** (110 days.) Large, solid, bright yellow; favorite with home gardeners; delicious flavor. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25, postpaid.

**323. Pear-Shaped Yellow.** (115 days.) Bright yellow, used for preserves. Pkt. 10 cts.; oz. 45 cts.;  $\frac{1}{4}$  lb. \$1.35, postpaid.

**196. Plum-Shaped Yellow.** (115 days.) Bright yellow, used for preserves. Pkt. 10 cts.; oz. 45 cts.;  $\frac{1}{4}$  lb. \$1.35, postpaid.

**330. Red Cherry.** (115 days.) Little fruits; bright red. Pkt. 10 cts.; oz. 45 cts.;  $\frac{1}{4}$  lb. \$1.35, postpaid.

1 Oz. for 200 Feet Drill.

# TURNIPS

2 Lbs. for the Acre.

Prices Include Postage on Pkts., Ozs., 1/4 Lbs. and Lbs.

**CULTURE.** They do best in highly enriched, light, sandy or gravelly soils. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 to 9 inches in rows. For a succession sow at intervals of a fortnight until the last week in July, from then until the end of August sowing may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about 1 inch from the bulb, storing in the cellar or cold shed during the winter, covering the roots with dry sand. They should be harvested before the severe frost sets in, for, though comparatively hardy, few will survive the winters of the Northern States in the open ground.

**110. Purple Top White Globe.** ("Best in Garden" Variety.) (50 days.) Our stock is the perfection of Turnips. It has small tops, but large, well-formed handsome roots. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**322. Early Red, or Purple Top Strap-Leaf.** (50 days.) A well-known standard, popular, early sort. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**84. Extra Early Milan Purple Top.** (45 days.) Tops are very small, strap-leaf, and grow erect. Roots are small and flat; skin purple to pure white below. Flesh is clear white. It's a beauty. Pkt. 10 cts.; oz. 15 cts.; 1/4 lb. 25 cts.; lb. 75 cts., postpaid.

**179. Extra Early White Milan.** (45 days.) Pkt. 10 cts.; oz. 15 cts.; 1/4 lb. 25 cts.; lb. 75 cts., postpaid.

**62. White Egg.** (50 days.) Is very handsome; pure white; excellent for early or late. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**177. Golden Ball, or Orange Jelly.** (60 days.) One of the sweetest flesh yellow Turnips yet introduced; not of large size, but firm, hard, and of excellent flavor; good keeper and superior table variety; of

**176. Seven Top.** (50 days.) Very hardy; grown for leaves, which are used for salads. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 35 cts. lb.; 5-lb. lots, 30 cts. lb., postpaid.

**119. Yellow, or Amber Globe.** (70 days.) Vigorous grower; fine keeper. A very desirable variety, attaining large size. The roots are rather oval-shaped, flesh orange-yellow. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**180. Long Cow Horn, or White French.** (65 days.) A heavy cropper, best for stockmen. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

**171. Shogoin or Japanese Turnip.** (65 days.) This variety is very popular in the South. Very valuable for turnip greens. The leaves grow upright, about 2 feet high when fully developed which makes it free from insects. The roots are pure white, between flat and globe shaped. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 45 cts. lb.; 5-lb. lots, 40 cts. lb., postpaid.

**232. Pomeranian White Globe.** (65 days.) Good either for table or stock; very productive. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.

# RUTABAGA

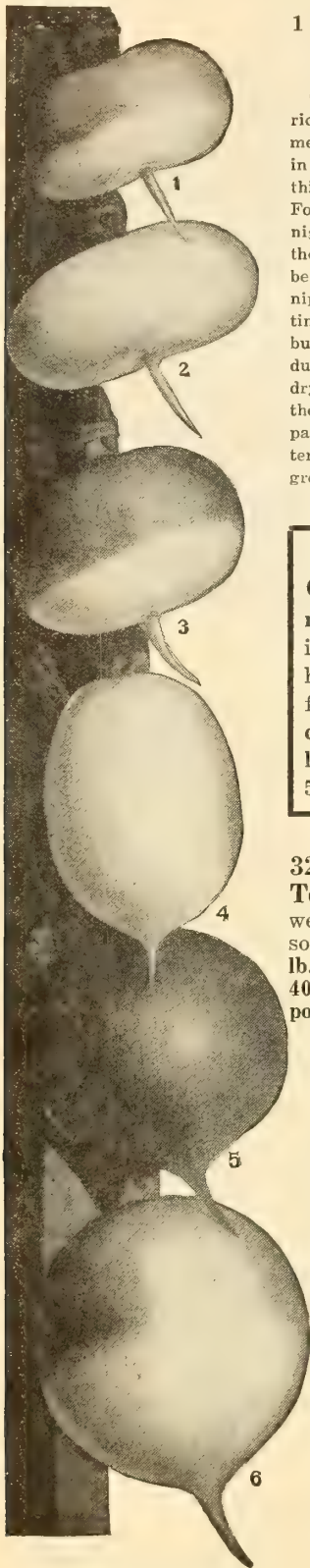
**136. Ashton Market.** (90 days.) It is a market gardener's stock developed by market gardeners. It has been most successfully grown by the market gardeners in and around Washington for the past several years. It is not a large type, more to the medium. It is an early sort, regular in shape, even in size, globe shaped and with very few exceptions neckless. It will pay you to give it a trial. Pkt. 10 cts.; oz. 15 cts.; 1/4 lb. 40 cts.; lb. \$1.35; 2-lb. lots, \$1.20 lb.; 5-lb. lots, \$1.10 lb., postpaid.

**148. Long Island Special.** (100 days.) This selection produces little or almost no neck at all, making it an ideal for the trucker. Excellent variety for table use. Flesh, golden; very, sweet, not the least bit stringy or tough. Far superior to any of the other varieties, and much nicer than the Swede Turnip. Solid and crisp until spring. Never gets pithy. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 60 cts.; 2-lb. lots, 45 cts. lb.; 5-lb. lots, 40 cts. lb., postpaid.

# HERBS

Postpaid

	Pkt.	Oz.	1/4 Lb.	Lb.
286. ANISE. Seed used for flavor...	10c	15c	50c	\$1.50
254. BASIL SWEET. Culinary herb used for flavoring soups, etc. ....	10c	20c	75c	2.75
287. CARAWAY. Cultivated for its seeds .....	10c	15c	50c	1.50
284. CHIVES. Fine for flavoring	10c	50c	1.50	5.50
265. CATNIP. Leaves are used for seasoning .....	10c	50c	1.50	5.50
288. CORIANDER. Seeds are used for flavoring .....	10c	15c	40c	1.50
262. DILL Mammoth. For sowing. Seeds used for flavoring vinegar .....	10c	15c	35c	1.00
256. FENNEL FLORENCE. Grown for the enlarged leaf stalks .....	10c	25c	85c	3.00
294. FENNEL SWEET. Leaves used in sauces .....	10c	15c	50c	1.50
279. LAVENDER. True. For oil and distilled water.....	10c	20c	75c	2.50
258. MARJORAM. Sweet. Is used for seasoning .....	10c	25c	60c	2.00
280. SAGE. Bread-leaf. A culinary herb; also used in medicine	10c	25c	75c	2.50
268. SUMMER SAVORY .....	10c	20c	60c	2.00
267. THYME. Broad-leaved English .....	10c	35c	1.15	4.00



1. Early Milan Purple Top.  
2. Extra Early White Milan.  
3. Purple Top Strap Leaf.  
4. White Egg.  
5. Golden Ball.  
6. Purple Top White Globe.

bright golden orange color. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 50 cts.; 2-lb. lots, 40 cts. lb.; 5-lb. lots, 35 cts. lb., postpaid.



# Bolgiano's Selected

# FLOWER SEEDS

# Superior Quality

**STARTING SEED INDOORS.** A month before you expect to set the started plants outdoors fill a flat wooden box one inch deep with coal ashes or small stones and cover that with an inch of finely sifted rich soil. Sow the seed thinly, cover about one-eighth of an inch and press firmly. Cover with a pane of glass and two thicknesses of newspaper to prevent too rapid evaporation. Keep in a temperature between 60° and 70° and water regularly and carefully. When the seeds have germinated remove the glass. When large enough to handle, transplant one inch apart in a similarly prepared box where they may be kept until time to set outdoors.

**STARTING SEED OUTDOORS.** A fine seed bed is necessary and the seed should not be planted deeper than four times their size.

**CLASSIFICATION.** Annual flowers grow from seed, bloom, and die in one year. Biennials bloom the second year and die. Perennials live on from year to year and generally do not bloom the same year the seed is planted. A signifies annual; B biennial; P perennial. R. G. means suitable for the rock garden.

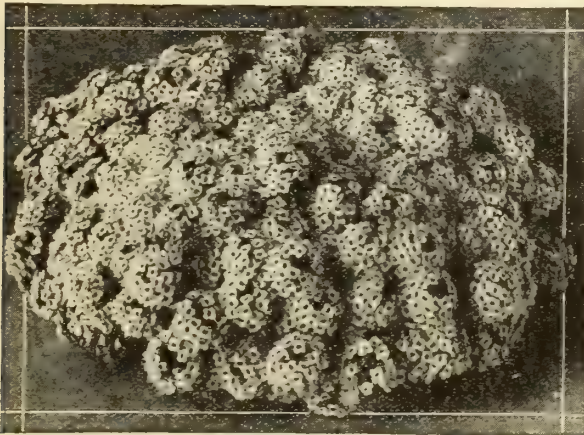
## AGERATUM A. (FLOSS FLOWER)

795. **BLUE BALL** is the best dwarf Ageratum yet offered. The flowers are large and of a deep rich blue color. The foliage is small and the plants have the appearance of miniature domes, making it ideal for pot culture or for edging beds or borders. Pkt. 10 cts.; ¼ oz. 40 cts.

796. **DWARF VARIETIES MIXED.** Shades of blue and white. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 75 cts.

## AGROSTEMMA P.

797. **ROSE OF HEAVEN.** Crimson red bells against silvery foliage. One plant will make over a hundred blooms during June and July. Height, 18 inches. Pkt. 10 cts.; ½ oz. 25 cts.



Alyssum Little Gem

## ALYSSUM A. R. G.

798. **LITTLE GEM.** Dwarf spreading plants about four inches high and covered with a mass of white bloom. Excellent for boxes or edging the flower beds, walks, etc. Pkt. 5 cts.; ½ oz. 35 cts.; oz. 65 cts.

786. **LILAC QUEEN.** A very pretty deep lavender lilac of dwarf compact habit; height 6 inches. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 75 cts.

799. **SWEET ALYSSUM (A Maritimum).** Trailing habit, white flowers; height about 10 inches. Pkt. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.

## ALYSSUM P. R. G.

981. **SAXATILE COMPACTUM (Basket of Gold).** An ideal hardy perennial plant, flowering in May; showy golden yellow flowers; excellent for rock work; height, 9 inches. Pkt. 10 cts.; ¼ oz. 35 cts.; ½ oz. 60 cts.

## AMARANTHUS A.

976. **MOLTEN FIRE**, also known as Summer Poinsettia. This wonderful variety was originated by Luther Burbank and is the most brilliant of this brilliant family. Grows about 4 feet tall. The foliage is bronzy crimson, each branch terminating with a large crown of iridescent fiery rose, resembling much both in color and shape the Poinsettia. Pkt. 10 cts.; ¼ oz. 50 cts.

800. **TRI-COLOR OR JOSEPH'S COAT.** Brilliantly colored leaves. Height about 30 inches. Pkt. 10 cts.; ¼ oz. 25 cts.; ½ oz. 40 cts.

801. **LOVE LIES BLEEDING.** (Caudatus.) Beautiful drooping red spikes. Easily grown, useful for borders and centers of beds; height about 3 feet. Pkt. 10 cts.; ¼ oz. 20 cts.

## ANCHUSA A.

991. **CAPENSIS (Cape Forget-Me-Not).** A splendid blue annual variety, blooming all summer. 18 inches. Pkt. 10 cts.; ½ oz. 30 cts.; oz. 50 cts.

## ANCHUSA P.

986. **ITALICA "DROP-MORE."** A hardy perennial plant with flowers of a lovely gentian blue; 3 to 4 feet. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 60 cts.

## ARABIS P. R. G. (ROCK CRESS)

993. **ALPINA.** Early spring flowered perennial; especially adapted for edging and rockery; pure white blossoms April-May; 6 inches. Pkt. 10 cts.; ¼ oz. 25 cts.; ½ oz. 40 cts.; oz. 75 cts.

## ANTIRRHINUM A.

Antirrhinums, better known as snapdragons, are one of the easiest flowers to raise from seed. They bloom continuously throughout the summer and fall. Sow seed outdoors as soon as the ground is warm, or for earlier blooming, start in pans indoors and then transplant the seedlings to your out-door beds. Culture directions on each packet.

1030. **ANTIRRHINUM CELESTIAL.** An All America Winner for 1938. (Illustrated inside front cover.) A magnificent new snapdragon that should be in every garden. Beautiful salmon-rose flowers held on broad, compact ten-inch spikes making it a grand flower for bedding as well as for cutting. Blooms continuously throughout the summer and fall. It had to be good to win the Award of Merit in the All America trials. Price 25 cts. per pkt.

**TALL MAXIMUM GIANT FLOWERED.** Besides being the tallest growing snapdragons these produce the largest flowers. Excellent for cutting.

802. **Apple Blossom.** Soft pink. 1007. **Canary Bird.** Canary yellow. The above two, 10 cts. per pkt.; ¼ oz. 40 cts.; oz. \$1.50.

803. **TALL MAXIMUM GIANT FLOWERED. MIXED.** A fine mixture of brilliant colors. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. 90 cts.

**MEDIUM LARGE FLOWERED. R. G.** Free flowering, bearing long, dense spikes of exquisite blooms almost as large as the giant type. A fine type especially for bedding purposes, growing about 18 inches high.

1056. **Firebrand.** Brilliant fiery scarlet.

1010. **Silver Pink.** Soft pearly pink.

The above 10 cts. per pkt.; ¼ oz. 50 cts.

805. **MEDIUM LARGE FLOWERS. MIXED.** Pkt. 10 cts.; ¼ oz. 30 cts.; oz. 90 cts.

984. **ANTIRRHINUM (SNAPDRAGON) NEW RUST PROOF UNIVERSITY OF CALIFORNIA DELUXE MIXTURE.** Certificate of Honor in 1935 All America Selections. After years of extensive research by the University of California cooperating with leading growers of the state they have produced a race of Antirrhinum which is almost totally rust proof. This is a splendid combination of colors of all rust proof varieties, the result of extensive crosses making this an exceptional mixture. Pkt. 10 cts.; ½ oz. 20 cts.; ¼ oz. 35 cts.; oz. \$1.25.



Antirrhinum

New Rustproof U. of Cal. Delux Mixture

WE PAY POSTAGE

ON ALL

FLOWER SEEDS

## BOLGIANO'S AMERICAN ASTERS

**980. ASTER—SUPER GIANT ELMONTE.** Special Mention All America Selections for 1936. Elmonte is a deep glowing crimson. A companion to Super Giant Los Angeles. It is composed of abundant quantities of daintily interlaced plume-like petals, the flowers are extremely large and fluffy, borne on heavy non-lateral, basal-branched stems. It is very early blooming, coming in before the California Giant varieties and remaining in flower over a long period. Pkt. 15 cts.;  $\frac{1}{8}$  oz. 40 cts.;  $\frac{1}{4}$  oz. 75 cts.; oz. \$2.75.

### NEW CALIFORNIA GIANTS

Wonderfully formed flowers of the Crego type 5 to 6 inches in diameter, each one packed with broad petals that twist and interlace in a most beautiful fashion. The strong plants grow 3 to 3½ ft. high with stems 18 to 24 inches long. Season, medium to late. We offer the following colors:

1003. Peach blossom. 1005. Deep rose.  
1004. Dark purple. 792. Light purple. 1006. White.  
Pkts. 10 cts.  $\frac{1}{8}$  oz. 35 cts.;  $\frac{1}{4}$  oz. 65 cts.  
793. CALIFORNIA GIANTS MIXED. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 60 cts.

### NEW CALIFORNIA SUNSHINE ASTERS

791. The Sunshine Asters are a truly beautiful type. The plants form well-branched bushes and carry an abundance of excellent large flowers. The blooms themselves are most artistic. The outer petals are long and narrow whereas the center petals are tubular with a small four-pointed star at the end. Choice mixed. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 60 cts.; oz. \$2.00.

### HEART OF FRANCE ASTER

794. As beautiful a red as the purest ruby. The flowers are borne on strong branching plants 2 ft. high during September and October. Their glowing beauty commands instant admiration. Pkt. 10 cts.;  $\frac{1}{8}$  oz. 40 cts.;  $\frac{1}{4}$  oz. 75 cts.

### QUEEN OF THE MARKET ASTERS

790. The earliest aster, producing a profusion of fine blooms. Height about 20 inches. Mixed colors. Pkt. 10 cts.;  $\frac{1}{8}$  oz. 25 cts.;  $\frac{1}{4}$  oz. 40 cts.

**910. ASTER SUPER GIANT LOS ANGELES.** Award of Merit, All America Selections 1934. Los Angeles is the largest and most fully double aster known. The flowers, 6 to 8 inches across, are a lovely soft shell pink blending to a creamy pink at the center. The plants are entirely non-lateral with 6 to 8 long stems to a plant. The Los Angeles is certainly a rare beauty. Pkt. 15 cts.;  $\frac{1}{8}$  oz. 40 cts.;  $\frac{1}{4}$  oz. 75 cts.; oz. \$2.75.

### WILT RESISTANT STRAINS

This year we offer Crego's Giant Comet and American Branching Wilt Resistant. This is the most wonderful discovery in aster culture in recent years. With these strains you can successfully grow asters without the attack of aster wilt which has been so disastrous to all aster growing.

**WILT RESISTANT CREGO'S GIANT COMET ASTERS PLANTS 2½ FEET**  
Large flowers four to five inches in diameter. The petals are beautifully curled and twisted much like Japanese Chrysanthemums.  
777. White 779. Crimson. 781. Purple or Dark Blue  
778. Pink. 780. Azure blue.  
The above varieties, Pkt. 10 cts.;  $\frac{1}{4}$  oz. 45 cts.; oz. \$1.50.  
782. CREGO'S GIANT COMET MIXED. Many colors. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 35 cts.; oz. \$1.25.

**WILT RESISTANT AMERICAN BRANCHING ASTERS VICK'S STRAIN**  
Large double flowers, fine form. Plants 2½ to 3 feet high, branching and robust habit.  
783. White. 787. Azure blue. 785. Crimson.  
784. Pink or Mary Semple. 788. Purple.  
The above varieties, Pkt. 10 cts.;  $\frac{1}{4}$  oz. 45 cts.; oz. \$1.50.  
789. AMERICAN BRANCHING MIXED. Many colors. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 35 cts.; oz. \$1.25.

### ASTERS P.

996. MICHELMAS DAISY. One of the showiest of our late flowering perennial plants; star like single flowers. If sown early in spring will flower the same season. Choice mixed. Pkt. 10 cts.;  $\frac{1}{8}$  oz. 35 cts.;  $\frac{1}{4}$  oz. 65 cts.

### BALLOON VINE A. "LOVE IN A PUFF"

808. An attractive climber of quick growth and bears profusely inflated seed capsules. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 15 cts.; oz. 20 cts.

### BACHELOR'S BUTTON (CENTAUREA)

Also known as Cornflower, Ragged Robin, etc. Easily grown from seed and blooms profusely from July until frost. Height 2 feet.

806. **DOUBLE BLUE.** The finest blue. Pkt. 10 cts.; oz. 40 cts.

804. **PINKIE.** Double, deep pink. Very fine. Pkt. 10 cts.; oz. 50 cts.

807. **DOUBLE MIXED.** Choice mixture of many colors. Pkt. 5 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.



Bachelor's Button Pinkie

### CANTERBURY BELLS B.

819. **CAMPANULA MEDIUM SINGLE MIXED.** Two feet. Beautiful bell-like flowers of pink, blue and white. Blooms from early to midsummer and is certainly one of the most striking flowers among the biennials. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 15 cts.; oz. 40 cts.

### CANTERBURY BELLS A.

1014. The new annual Canterbury Bells make a plant that is loaded with flowers less than five months after the seed is sown and by making successive plantings all through the early spring we can have these lovely flowers all through the summer and fall. All colors mixed, including the various shades of blue, pink, rose and white. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.; oz. 70 cts.

### CALENDULA DOUBLE A. (POT MARIGOLD) R. G.

Does well in cool location. Should be planted either singly or in masses. Plants grow 12 inches high, branch freely and bear throughout the season large double flowers 3 inches in diameter.

826. **CALENDULA CHRYSANTHA.** The large flowers are an exquisite shade of clear buttercup yellow, with long, loosely-arranged petals, which droop to give the rounded appearance found in our favorite Chrysanthemum. Fine for cutting with long stiff stem. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.;  $\frac{1}{2}$  oz. 35 cts.

1012. **CAMPFIRE OR SENSATION.** Extremely large flowers; color, rich orange with a scarlet sheen. Makes a very attractive flower. Excellent for cutting. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.;  $\frac{1}{2}$  oz. 35 cts.

1011. **LEMON QUEEN.** Lemon yellow. Pkt. 10 cts.; oz. 40 cts.

811. **ORANGE KING.** Rich orange red. Pkt. 10 cts.; oz. 40 cts.

987. **RADIO.** The petals of the large, perfectly double flowers instead of being flat are beautifully quilled forming an almost globular flower. Color a rich glittering orange. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.

813. **DOUBLE MIXED.** A fine mixture of yellow and orange shades. Pkt. 10 cts.; oz. 25 cts.

812. **CALENDULA—ORANGE SHAGGY.** A Gold Medal Winner in the 1935 All America Selections. Orange Shaggy is a distinct new break in Calendulas. The petals are long, deeply fringed and lacinated. Row after row of these long fringed petals overlap each other in a rather irregular fashion and build up a bloom with the shaggy appearance of some Chrysanthemums. Very graceful in appearance. Color a deep orange shading to a lighter orange in the center. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.;  $\frac{1}{2}$  oz. 35 cts.



Calendula-Orange Shaggy

### BALSAM (LADY SLIPPER) A.

809. **DOUBLE CAMELLIA FLOWERED.** All Colors Mixed. These are very beautiful for borders. The plants make perfect little bushes with brilliantly colored flowers. Some of the colors are crimson, lemon, pink, lilac and pale rose. Height 1½ to 2 feet. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.; oz. 60 cts.

### BALSAM APPLE A.

810. A very curious climbing vine having glossy green foliage and golden yellow apple-shaped fruits. Rapid grower. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 25 cts.; oz. 45 cts.

### BLUE LACE FLOWER A.

932. **DIDISCUS CAERULEA.** The plants grow 2 feet high and branch freely, each stem crowned with an umbel of delicate, sky-blue flowers resembling Queen Anne's Lace. It is easy to grow and blooms from July to November. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.;  $\frac{1}{2}$  oz. 50 cts.; oz. 90 cts.

### CANNA A.

820. **MIXED.** Every one has a place for these luxuriant plants with their enormous brilliant clusters of blooms and broad leaves of green or bronze. The seed should be pierced in one spot with a file and soaked in tepid water for 24 hours before sowing. Sow early. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 25 cts.; oz. 40 cts.

949. **BACHELOR'S BUTTON (Centaurea) JUBILEE GEM.** Award of Merit 1937 All America Selection. (See illustration inside front cover.) Dwarf compact plant only 10-15 inches tall, covered with double cornflower blue flowers. A wonderful addition to any garden where something rare is appreciated. Pkt. 15 cts.;  $\frac{1}{8}$  oz. 35 cts.;  $\frac{1}{4}$  oz. 65 cts.; oz. \$2.00.

**CALLIOPSIS A.**

814. **TALL SINGLE MIXED.** Bright daisy-like flowers on lengthy graceful stems. Very well liked for cutting. Height, 2 feet. Pkt. 10 cts.; ½ oz. 20 cts.; oz. 30 cts.

1031. **CALLIOPSIS, GOLDEN CROWN.** Award of Merit, All America Selections for 1938. (Color illustration inside front cover.) An outstanding novelty. It is hardy and easy to grow, producing an abundance of bloom on plants about 2 feet in height. The flowers are larger than those of other Calliopsis and of perfect symmetrical form. The color, rich golden yellow, is made the more arresting by the contrast of a shining maroon central zoning. We recommend this novelty with every confidence. Pkt. 25 cts.

**CANDYTUFT (ANNUAL) R. G.**

816. **GIANT HYACINTH FLOWERED WHITE.** Large elongated head with pure white florets. Desirable for cutting. Pkt. 10 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.

817. **DWARF HYBRIDS, MIXED.** Large flowers of rose, salmon, coral, pink and lilac. Height, 1 foot. Excellent for bedding, massing and cut flowers. Pkt. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.

**CANDYTUFT (PERENNIAL) R. G.**

818. May and June. Six inches. Evergreen plants covered with lilac flowers shaded white. Blooms in spring and early summer. Excellent for rockeries or borders. Pkt. 10 cts.; ¼ oz. 35 cts.; ½ oz. 60 cts.; oz. \$1.00.



Carnation Marguerite

**CARNATION A.**

821. **MARGUERITE DOUBLE MIXED.** Height, 20 inches. Large flowers of white, pink, crimson and striped colors. These hardy favorites will bloom in late summer if planted early in the spring. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 75 cts.

**CARDINAL CLIMBER A.**

1013. Beautiful fern-like foliage bearing circular cardinal red flowers 1½ inches in diameter from midsummer until frost. Height, 30 feet. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 75 cts.

**CHINESE LANTERN PLANT—See Physalis, p. 43**

**CHINESE WOOL FLOWER A.**

824. **CELOSIA CHILDSII, CRIMSON.** A curiously attractive and brilliantly blooming plant. Many bright balls of crimson wool show off against the fresh green foliage. Height, 2 feet. Pkt. 10 cts.; ¼ oz. 35 cts.

**CHRYSANTHEMUM A.**

822. **TRICOLOR ANNUAL MIXED.** Gorgeous single and double flowers on long, stiff stems. Will produce freely until frost. Height, 1 to 1½ feet. Pkt. 10 cts.; ½ oz. 20 cts.; oz. 30 cts.

**CLARKIA A.**

825. **DOUBLE MIXED.** One of the most easily grown annuals, yet one of the most pleasing. Grows in sun or shade, 2-2½ feet high. Leafy recimes of double flowers which open in water when cut. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 75 cts.

**COBAEA SCANDENS A. (Cup and Saucer Vine)**

827. A rapid grower with fine foliage. Beautiful violet colored bell-shaped flowers. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 60 cts.

**COCKSCOMB A.**

828. **CELOSIA CRISTATA MIXED.** Showy plants, bearing large velvety combs. If the combs are cut before frost they may be dried and used for winter decorations. Pkt. 10 cts.; ¼ oz. 25 cts.

**COLEUS A.**

829. **RAINBOW MIXTURE.** The showy plants are grown for their brilliant foliage, which forms the basis of the ribbon beds of foliage plants in the parks and lawns. The colors range from light to dark red leaves, are very finely marbled and spotted. Pkt. 10 cts.; ½ oz. 75 cts.

**EARLY DOUBLE CRESTED COSMOS A.**

One of the finest introductions of late years. A true Cosmos with a beautiful double crested center.

842. **EARLY DOUBLE CRESTED MIXED.** Pkt. 10 cts.; ¼ oz. 50 cts.; ½ oz. 90 cts.

1008. **LATE DOUBLE CRESTED MIXED.** Same as the Early Double Crested, only flower later. Pkt. 10 cts.; ¼ oz. 40 cts.; ½ oz. 75 cts.

**COSMOS, GIANT EARLY FLOWERING A.**

The longer blooming period given by their starting to bloom four to six weeks earlier is making this class of Cosmos very popular. Height, 4 to 6 feet.

837. Pink. 838. Crimson. 839. White. Pkt. 10 cts.; ½ oz. 25 cts.; oz. 40 cts.

840. **GIANT EARLY MIXED COSMOS.** Pkt. 5 cts.; oz. 30 cts.

843. **KLONDIKE COSMOS—ORANGE FLARE.** Grand Champion or First Gold Medal Winner All America Selections for 1935. Klondike is in flower less than 4 months after it is planted. Color vivid orange. The stems are long and wiry, well adapted for cutting. Pkt. 10 cts.; ¼ oz. 30 cts.; ½ oz. 55 cts.; oz. \$1.00.

844. **LATE MAMMOTH FLOWERING COSMOS, MIXED.** If seed is sown during the Spring it will produce tall growing plants, which will flower freely from September to November. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.

948. **COSMOS SENSATION FINEST MIXED.** Award of Merit 1936 All America Selections. The flowers are mammoth in size, 4 to 5 inches in diameter. It is very early flowering, blooming in 10 weeks from the time of seeding. Plants about 4 feet. The mixture contains whites and shades of rose and pink. Pkt. 10 cts.; ¼ oz. 40 cts.; ½ oz. 75 cts.

**COLUMBINE P. (AQUILEGIA) R. G.**

830. **NEW LONG SPURRED HYBRIDS (Improved Varieties Mixed).** 1 to 2 feet. May to July. One of the most valuable of the early flowering perennials. The long spurred blooms and lengthy stems are well adapted to use as cut flowers, but they also produce a beautiful effect when massed in the garden. They do best in a sheltered location that gets the sunshine. Pkt. 10 cts.; ½ oz. 35 cts.; ¼ oz. 60 cts.

**COREOPSIS P.**

831. **GRANDIFLORA.** Double Sunburst. Greatly improved over the semi-double. Two feet. June to October. Bears many large golden double flowers which last long as cut flowers and are very effective in the garden. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. \$1.00.

**CYNOGLOSSUM A. (Chinese Forget-Me-Not)**

1016. **AMABILE.** An annual of easy culture, producing sprays of intense blue Forget-me-not flowers which are very fragrant. Height, 2 feet. Pkt. 10 cts.; oz. 40 cts.

**CYPRESS VINE A.**

833. Mixed finely cut fern-like foliage from which protrudes hundreds of star-like flowers in white and red colors. Of very quick growth. Pkt. 10 cts.; ½ oz. 20 cts.; oz. 30 cts.

**DAHLIA A.**

Each seedling is an entirely new variety. All of them will not be worth perpetuating but it is from selections of seedlings that our finest new varieties are obtained. One never knows what rare and beautiful blooms he will have.

836. **COLTNESS HYBRIDS.** Neat compact dwarf plants blooming from July 'til frost. Blooms 3 inches. Many bright color combinations. Pkt. 10 cts.; ¼ oz. 50 cts.

834. **DOUBLE MIXED.** Pkt. 10 cts.; ¼ oz. 75 cts.

835. **CACTUS MIXED.** The quilled type. Pkt. 10 and 25 cts.; ¼ oz. 75 cts.; ½ oz. \$1.25.



Double Crested Cosmos



Coreopsis Double Sunburst



Daisy African Golden

**DIANTHUS A. (ANNUAL PINKS) R. G.**

Brilliantly flowering, clean growing plants that bloom all summer and fall. The pretty double flowers are almost as fine as carnations for cutting, and the neat growth (about 12 inches high) makes them excellent for edging.

847. **FIREBALL.** Rich blood red; extra double.  
 1019. **SALMON KING.** Brilliant salmon rose; double.  
 848. **SNOWDRIFT.** Large double white; splendid for cutting.  
 1020. **VIOLET QUEEN.** A rich violet.  
 The above varieties 10 cts. per pkt.;  $\frac{1}{4}$  oz. 40 cts.; oz. \$1.00.  
 849. **ANNUAL PINKS, DOUBLE MIXED.** Pkt. 10 cts.;  $\frac{1}{2}$  oz. 30 cts.; oz. 50 cts.  
 850. **ANNUAL PINKS, SINGLE MIXED.** Large flowers, 2 to 3 inches in diameter; brilliantly colored and fringed. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 25 cts.; oz. 40 cts.  
 1039. **DIANTHUS (Sweet Wivelsfield) A. R. G.** New greatly prized hardy annual for exquisite cut flowers, unsurpassed for borders and rock gardens, wide range of colors, all season blooming. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 35 cts.;  $\frac{1}{2}$  oz. 60 cts.; oz. \$1.00.



Dianthus Plumarius

**DIANTHUS P. (PERENNIAL) R. G.**

851. **PLUMARIUS (Pheasant's eye pink).** Sweet clove scented, low growing, fringed flowers of pink and white. In great profusion during May and June. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 25 cts.; oz. 40 cts.

**DUSTY MILLER (CENTAUREA CANDIDISSIMA)**

1015. **DUSTY MILLER.** Silvery white or light gray leaves, 1 foot high, used for beddings, margins, baskets, pots and vases; very effective. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.

**ESCHSHOLTZIA (California Poppy) R. G.**

1009. **SALMON BEAUTY.** Beautiful double salmon, not variable. Of recent introduction. Is salmon both inside and out. Very distinct. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 65 cts.

855. **MIXED.** Plants of low spreading growth with cut feathery foliage and flowering during the entire summer. Colors rich in shades of crimson, pink and orange scarlet. Pkt. 5 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.

**DAISY (ENGLISH) P. R. G.**

845. **DOUBLE MIXED (Bellis Perennis).** The hardy plants thrive best in cool, shady places. The attractive small double flowers appear very early in the spring. Height, 8 inches. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.;  $\frac{1}{2}$  oz. 50 cts.;  $\frac{1}{2}$  oz. 90 cts.

**DAISY (SHASTA) P.**

846. **ALASKA.** Great white daisies with curving petals and yellow centers that make a splendid show all summer. Wonderful as cut flowers. Height, 2 feet. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 35 cts.; oz. \$1.25.

**DAISY (AFRICAN GOLDEN) A. R. G.**

1017. **DIMORPHOTHECA AURANTIACA.** Golden West. Rich golden flowers with dark disc and halo. Blooms measure 2 $\frac{1}{2}$  inches on bushy plants about 15 inches tall. They like a dry, sunny position, and bloom the greater part of the summer and fall. Finest hybrids. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 35 cts.; oz. \$1.25.

**DELPHINIUM P.**

852. **CHINENSIS MIXED. R. G.** Although a perennial, will bloom in August if planted early in the spring. On account of its dwarfness (2 to 3 feet) and brilliant blue and white flowers it is a popular plant for bedding and cut flowers. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 40 cts.; oz. 75 cts.

853. **GOLD MEDAL HYBRIDS.** Mixture of the most beautiful tall large flowering varieties. The long graceful spikes of harmonizing blue colors make a splendid background. Height, 4 to 6 feet. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 50 cts.; oz. \$1.50.

854. **BELLADONNA.** Light blue. Pkt. 15 cts.;  $\frac{1}{2}$  oz. 30 cts.;  $\frac{1}{4}$  oz. 50 cts.;  $\frac{1}{2}$  oz. 90 cts.  
 862A. **BELLAMOSUM.** Rich deep blue. Pkt. 15 cts.;  $\frac{1}{2}$  oz. 30 cts.;  $\frac{1}{4}$  oz. 50 cts.;  $\frac{1}{2}$  oz. 90 cts.

1018. **FORMOSUM.** Dark blue, white center. Pkt. 15 cts.;  $\frac{1}{2}$  oz. 30 cts.;  $\frac{1}{4}$  oz. 50 cts.

**EUPHORBIA A. R. G.**

1023. **SNOW ON THE MOUNTAIN.** Strong annual, suitable for beds or mixed borders. The lovely green foliage margined with white is extremely ornamental. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 15 cts.; oz. 50 cts.

**FEVERFEW P.**

856. The plants attain a height of 8 inches; dark cut leaf foliage; the pure white flowers are borne on long stems. Fine for cutting. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.; oz. \$1.00.

**FORGET-ME-NOTS P. R. G.**

858. (*Myosotis Alpestris*). Blue. A perennial but easier to treat as an annual. A lovely dwarf plant for carpeting damp places; beautiful starlike blue flowers. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

**4 O'CLOCKS A. (MARVEL OF PERU)**

857. The plants grow 2 $\frac{1}{2}$  feet high and are practically covered with the varied colored flowers about four o'clock in the afternoon. Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.

**FOX GLOVE P. (DIGITALIS)**

1021. **GLOXINAE-FLORA MIXED.** The plants grow 3 feet high and bear long spikes of thimble-shaped flowers, brilliantly colored and spotted. If planted in well-drained soil will thrive nicely. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.;  $\frac{1}{2}$  oz. 35 cts.; oz. 60 cts.

**GAILLARDIA**

1048. **GAILLARDIA ANNUAL INDIAN CHIEF.** A distinct new variety. Fine bronzy red. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 30 cts.; oz. 50 cts.

859. **ANNUAL MIXED.** From early spring to late fall they will supply you with brilliantly colored flowers. Reds and yellows predominate. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 30 cts.; oz. 50 cts.

860. **GRANDIFLORA. THE PERENNIAL VARIETY.** June to October, 2 feet. The beautiful single flowers are red in the center with clear yellow markings on outer edges of petal. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 35 cts.; oz. 65 cts.

989. **THE DAZZLER (Gaillardia).** Perennial. Very large, of dark, rich red with bright orange petal tips. By far the most attractive giant red perennial variety. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 60 cts.; oz. \$1.00.

**GERANIUM ZONALE A.**

861. **MIXED.** Although a perennial, it is usually treated as annual when grown from seed unless the plants are taken indoors for the winter. Grows readily from seed planted indoors. Pkt. 10 and 20 cts.;  $\frac{1}{4}$  oz. 55 cts.; oz. \$2.00.

**GILIA A. R. G.**

862. **MIXED.** Early blooming plants 1 foot high bearing charming flowers of white and blue. For borders or rock gardens. Valuable for bees. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 15 cts.;  $\frac{1}{2}$  oz. 25 cts.

**GODETIA A.**

1022. **TALL DOUBLE VARIETIES MIXED.** A close relation of the Evening Primrose. Does best in cool locations. The plants bear freely, widely opened flowers, rich and varied in colors. Height, 2 ft. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 30 cts.; oz. 50 cts.

**GOMPHRENA (STRAW FLOWER) A.**

950. **RUBRA.** Attractive clover-like straw flowerheads. Color, reddish purple. About  $\frac{3}{4}$  inch across. Midsummer until frost. Fine for borders and cutting. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25.

**GOURDS (ORNAMENTAL) A.**

863. **MIXED.** Easily grown and the many odd and curious fruits are always a source of delight to both young and old. Pkt. 10 cts.; oz. 15 cts.

**GYPSOPHILA (BABY'S BREATH) A. R. G.**

1024. **ELEGANS, WHITE.** A quick growing annual with myriads of small, star-shaped pure white flowers on dainty stems. Does well in almost any soil. Sow latter part of April. The plant grows from 10 to 15 inches high. Pkt. 10 cts.; oz. 20 cts.

**HELICHRYSUM (STRAW FLOWER) A.**

864. **MIXED.** This is really a double-purpose flower. The plants during the late summer are most attractive with their beautiful double flowers which if picked before fully opened make fine dried blooms for winter decorations. Height, 2 $\frac{1}{2}$  feet. All colors mixed. Pkt. 5 cts.;  $\frac{1}{4}$  oz. 15 cts.; oz. 50 cts.

**HELIOTROPE A.**

865. **CHOICE MIXED.** Rather tender and will not stand cold weather. Start seed indoors and do not set plants out-of-doors until all danger from frost is past. Height, 2 feet. The flowers have a delightful fragrant perfume. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 50 cts.; oz. \$1.50.



New Collarette Marigold Crown of Gold

**HIBISCUS P.**

866. **MALLOW MARVEL MIXED.** 5 to 8 feet. June to September. Giant blooms of pink, white and red, frequently 6 to 8 inches in diameter. Unsurpassed for a background or hedge. Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 50 cts.

**HOLLYHOCKS (DOUBLE) P.**

Six to 8 feet; August to September. One of the most showy of all hardy garden plants.

867. **Crimson.** 1025. **Maroon.** 868. **Salmon Rose.** 1028. **Yellow.** Pkt. 10 cts.; ¼ oz. 40 cts.; oz. \$1.50.

869. **DOUBLE MIXED.** Pkt. 10 cts.; ¼ oz. 35 cts.; oz. \$1.25.

**HYACINTH BEAN A.**

870. A fine climber with clusters of purple or white flowers followed by ornamental seed pods. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 75 cts.

**JOBS TEARS A.**

871. Curious ornamental grass with broad corn-like leaves and lustrous slate colored seeds. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.

**KUDZU VINE P.**

872. A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season. Hardy. Foliage large and lobed; purple pea-shaped flowers in clusters, borne late in the season. A fine vine for arbors, verandas, etc. Easily grown from seed. Pkt. 10 cts.; oz. 50 cts.

**LANTANA A.**

873. **MIXED.** The flowers resemble Verbena heads and are constantly in bloom all summer. An excellent bedding plant; 2 to 3 ft. in height. Pkt. 10 cts.; ½ oz. 40 cts.; oz. 75 cts.

**LARKSPUR TALL DOUBLE STOCK FLOWERED A.**

The 3-ft. plants in their free, graceful habit and brilliant colors are classed as one of the best species for the garden. Unsurpassed as cut flowers. Blooms from July until frost, may be had by sowing in the open ground in April.

875. **Lilac.** 1032. **White.** 876. **Scarlet Rose.** 874. **Azure blue.** Pkt. 10 cts.; ½ oz. 35 cts.; oz. 50 cts.

877. **MIXED COLORS.** Pkt. 5 cts.; ½ oz. 15 cts.; oz. 25 cts.

1029. **LARKSPUR GIANT IMPERIAL BLUE BELL.** Blue Bell is a fine medium blue Larkspur deeper than sky blue, a color up to this time lacking in the giant imperial type. Pkt. 10 cts.; ½ oz. 35 cts.; oz. 60 cts.

**LINUM P. (BLUE FLAX) R.G.**

1033. **PERENNE.** Hardy perennial variety with bright blue flowers. 1½ feet. Pkt. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.

**LINARIA-MAROCCANA A. R.G.**

926. **HYBRIDS.** 12-18 inches tall. Resembles miniature snapdragon with columbine-like spurs. Shades of mauve, carmine, lavender, rose, usually, with cream or yellow centers. Erect single spikes with glaucous leaves. Pkt. 10 cts.; ½ oz. 30 cts.; oz. 50 cts.

**LOBELIA A. R.G.**

878. **DWARF MIXED.** Especially desirable for edging flower beds; also for planting in hanging baskets, vases, etc., and in pots for house plants during the winter. The compact plants grow six inches high and are covered with beautiful star-like flowers. Pkt. 10 cts.; ½ oz. 35 cts.

**LUPINE A.**

879. **MIXED.** Very easily grown. The plant is about 12 inches high, and from this develops a long flower spike filled with small flowers, resembling sweet pea blossoms. Excellent for cutting. Pkt. 10 cts.; oz. 30 cts.

**MEXICAN FIRE BUSH A.**

884. **KOCHIA CHILDSII.** (Summer Cypress.) A quick growing foliage or hedge plant, very symmetrical in form. During the summer it has the appearance of an expensive ornamental evergreen and in the fall has innumerable tiny flowers when the bush takes on a fiery red tinge. Height, 2½ feet. Pkt. 10 cts.; oz. 30 cts.

893. **MARIGOLD DWARF FRENCH DOUBLE HARMONY—NEW.** (Illustrated inside front cover.) Harmony is without question one of the very finest Marigolds ever introduced. It is in all respects outstanding. The flowers are charming and distinct, Scabiosa-like in formation with tubular deep orange center petals flanked by broad velvety dark maroon-brown guard petals. The plants are dwarf, about a foot high, compact, exceedingly free-blooming and extremely early. It is excellent for use in the garden, either in beds or borders and most attractive when used for cutting. Pkt. 15 cts.; ¼ oz. 35 cts.

952. **MARIGOLD GIGANTEA SUNSET GIANTS.** (See illustration inside back cover.) Sunset Giant is the largest Marigold yet developed, flowers averaging about 5 inches in diameter. The definite sweet scent of the flowers adds to its value as a cut flower variety as well as being a good garden plant. The full centered flowers of fairly loose formation, with broad heavy petals gracefully overlapping are of great depth. The color range includes deep orange, golden orange, deep golden yellow, light yellow, lemon yellow and a delightful new shade of primrose. Pkt. 15 cts.; ¼ oz. 40 cts.; ½ oz. 75 cts.

**TALL AFRICAN DOUBLE MARIGOLDS**

880. **LEMON BALL.** Pure Canary yellow. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. \$1.00.  
881. **ORANGE BALL.** A lovely orange yellow. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. \$1.00.  
882. **TALL AFRICAN DOUBLE MIXED.** Selected shades of orange and yellow. Pkt. 5 cts.; ½ oz. 40 cts.; oz. 75 cts.

**DWARF DOUBLE FRENCH MARIGOLDS**

883. **MIXED. R. G.** Attain a height of 12 to 15 inches. The brilliant orange and yellow flowers blend nicely with the dark green fern-like foliage. Pkt. 5 cts.; ½ oz. 35 cts.; oz. 60 cts.

951. **MARIGOLD CROWN OF GOLD.** Gold Medal 1937 All America Selections. Flower centers are of short curled quilled petals with a collar of flat guard petals on outside. Orange color; 2½ inches. fragrant flowers in plentiful supply. Plant 2½ feet tall. Pkt. 15 cts.; ¼ oz. 50 cts.

1059. **MARIGOLD GUINEA GOLD.** Grows 2 to 2½ feet high and produces flowers 2 to 2½ inches across, of a beautiful orange with double ruffled loose-leaf petals. Excellent for cut flowers. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 60 cts.

823. **MARIGOLD YELLOW SUPREME.** Large fluffy carnation-flowered blooms, many 3 inches across. A beautiful dazzling lemon-yellow color. A mild honey fragrance. A long standing cut flower. Practically odorless foliage. Healthy, free branching plant, 2 to 3 feet tall. Profuse early bloomer. Pkt. 10 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; ¾ oz. 60 cts.

985. **MARIGOLD DIXIE SUNSHINE.** Award of Merit 1936 All America Selections. The large ball-shaped flowers are ingeniously composed of dozens of tiny five-petaled florets, gracefully interlocking, daintily fringed in effect. Brilliant Golden Yellow. 100 per cent fully double and but faintly scented with the characteristic marigold odor. Pkt. 15 cts.; ¼ oz. 35 cts.; ½ oz. 60 cts.; ¾ oz. \$1.10; oz. \$2.00.

**MIGNONETTE A.**

885. **MACHET.** Valued most highly on account of its delightful fragrance. Thrives best during cool weather, and we recommend that a second sowing be made in August to furnish a supply of the beautiful red flower heads during the fall. Height about 12 inches. Pkt. 10 cts.; oz. 30 cts.

**MOONFLOWER A.**

886. **WHITE.** The large pure white flowers contrast beautifully with the heavy dense foliage. Pkt. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.

**815. MOONFLOWER HEAVENLY BLUE.**

Grows quickly. Blooms early and covers the vine with large clear blue flowers. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 75 cts.

**MORNING GLORY A.**

997. **C L A R K ' S HEAVENLY BLUE MORNING GLORY.** (Illustrated in color inside back cover.) Flowers measure 3½ to 4 inches across. Deep blue. They blossom profusely and for a long season, opening in the morning and facing the sun. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. 90 cts.

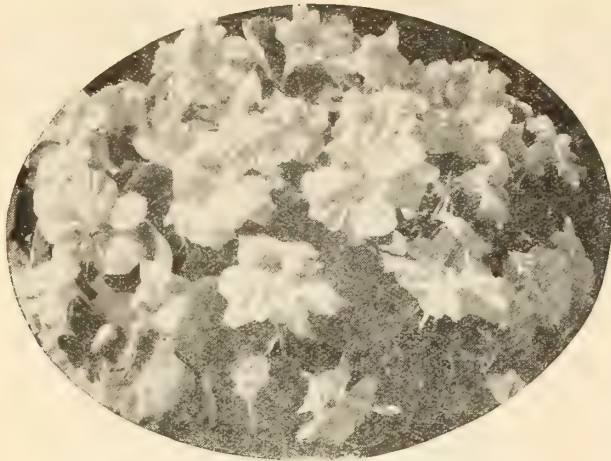
887. **IMPERIAL JAPANESE MIXED.** The flowers are extra large in size and of many colors. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 50 cts.



Hollyhock—Double

**NICOTIANA A. (FLOWERING TOBACCO)**

1035. **AFINIS HYBRIDA.** Extremely showy annual plants giving a continuous display of brilliant flowers; 2 to 3 ft. Pkt. 10 cts.; ½ oz. 30 cts.



Nasturtium—Dwarf Double Golden Globe

888. **NASTURTIIUM—DWARF DOUBLE GOLDEN GLOBE.** (See illustration above.) Award of Merit 1936 All America Selections. Identical in color with the popular Golden Gleam. Uniformly dwarf and compact. Golden Globe is the first named color variety in the new gem type of Nasturtiums. It is very free flowering and the well-formed double flowers of deep golden yellow are deliciously sweet scented. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

972. **NEW PETUNIA HYBRIDA TOPAZ ROSE.** Special Mention All America Selections for 1938. (Illustration in color inside front cover.) Topaz Rose is a brilliant addition to the Hybrida group. The color is a fiery velvety rose of a brilliancy seldom seen. It is slightly suffused with gold which gives it its fiery appearance and the throat is the color of topaz. Will neither fade nor burn under the hottest sun. Pkt. 25 cts.

1037. **NEW PETUNIA FLAMING VELVET.** (See illustration in color inside back cover.) Sensational because of the uniform excellence of its velvety, rich, blood-red flower. The plants are semi-compact in habit, about 15 inches. Pkt. 15 cts.;  $\frac{1}{16}$  oz. 40 cts.;  $\frac{1}{8}$  oz. 75 cts.;  $\frac{1}{4}$  oz. \$1.25.

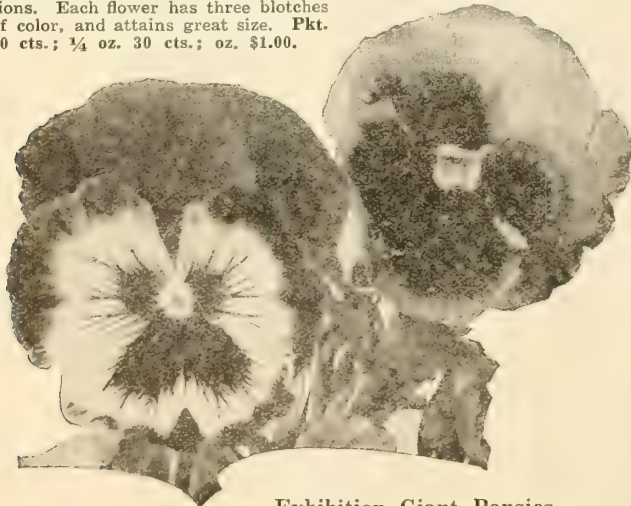
## BOLGIANO'S PANSIES R. G.

832. **CORONATION GOLD.** Award of Merit, All America Selections for 1938. (Illustration in color inside front cover.) A really giant golden yellow pansy. The flowers are round with lightly ruffled edges and have a rather spicy odor. We heartily recommend this gorgeous new giant yellow pansy. An introduction from Holland. Pkt. 25 cts.

995. **ROGLI GIANTS.** A very select strain noted for its robust habit and early flowering. The extremely large flowers of heavy texture are held well above the foliage on long strong stems. The range of rich dark colors is perfectly wonderful. Pkt. 25 cts.;  $\frac{1}{8}$  oz. 75 cts.; oz. \$5.50.

892. **EXHIBITION GIANTS.** The most beautiful forms and color combinations imaginable. Flowers attain a size of two to three inches under favorable conditions. Pkt. 20 cts.;  $\frac{1}{8}$  oz. 65 cts.; oz. \$5.00.

894. **GIANT TRIMARDEAUX MIXED.** Beautiful color combinations. Each flower has three blotches of color, and attains great size. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.; oz. \$1.00.



Exhibition Giant Pansies

**NASTURTIIUMS** 1027. **SCARLET GLEAM—NEW.** The dazzling scarlet blooms are of immense size, almost 3 inches across and uniformly well formed. Delightful sweet fragrance. Plants are semi-dwarf, handsome green, lustrous foliage with long wiry stems bearing the numerous flowers well above the foliage. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.

994. **GOLDEN GLEAM—NEW.** The plants form a vigorous large bush about 18 inches. The flowers commence to come as soon as the plant nears complete development and at the time it is in full bloom the entire plant is one mass of color. The large golden yellow flowers average  $2\frac{1}{2}$  to 3 inches across. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.

953. **NASTURTIIUM DWARF DOUBLE GEM MIXTURE.** Ideal for border and edging use. The plants are truly dwarf and compact. The sweet scented, semi-double flowers are of good size and gaily cover the gem-like little plant in an array of beautiful colors. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

1026. **GLORIOUS GLEAM HYBRIDS.** Award of Merit All America Selections for 1935. (Illustrated in color inside back cover.) The flowers are fine, large, well-formed, sweet-scented doubles. Semi-dwarf plants. The stems are long and bear the flowers well above the lush green of the foliage, giving the effect of a solid mass of color. The color range includes brilliant shades of salmon, golden yellow, orange scarlet, cerise, cream yellow, orange, maroon, crimson and many spotted varieties. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 45 cts.

890. **DWARF MIXED NASTURTIIUMS A.** A beautiful color combination of all the various shades and markings. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 90 cts.

891. **TALL MIXED NASTURTIIUMS A.** The plants are of strong, vigorous growth and the running shoots may be trained on ordinary fences or on wire netting. Have the plants stand 8 inches apart. They contain a wide range of color. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 90 cts.

## PETUNIA A.

907. **GIANTS OF CALIFORNIA RUFFLED MIXED.** A well-balanced mixture of light and dark colors including pink and rose shades fringed and ruffled with attractive depththroats. Many beautifully veined. The flowers are extraordinarily large and of great substance. Pkt. 25 cts.;  $\frac{1}{32}$  oz. \$2.00;  $\frac{1}{16}$  oz. \$3.75;  $\frac{1}{8}$  oz. \$7.00.

**BALCONY PETUNIAS. R. G. A** large and free flowering type for window boxes, vases, hanging baskets, etc.

901. Balcony

Blue.

902. Balcony

White.

1041. Balcony

Crimson.

The above three varieties. Pkt. 15 cts.;  $\frac{1}{8}$  oz. 50 cts.

903. **BALCONY MIXED.** Pkt. 15 cts.;  $\frac{1}{8}$  oz. 40 cts.

1038. **NEW MINIATURE PETUNIA ROSE GEM.** Award of Merit, All America Selections for 1936. Rose Gem is the rich deep rose that has made Petunia Rose of Heaven so popular. The plant is 5 to 6 inches high and smothered with rich rose-colored blooms about 2 inches in diameter. Pkt. 25 cts.;  $\frac{1}{16}$  oz. \$1.50;  $\frac{1}{8}$  oz. \$2.75.

1040. **NEW PETUNIA DWARF PINK GEM.** A Gold Medal Winner. A dwarf compact plant only 6 inches high. Will carry as many as 25 to 30 beautiful deep pink blooms at one time. This miniature Petunia is indispensable for borders. Pkt. 20 cts.;  $\frac{1}{8}$  oz. 35 cts.;  $\frac{1}{4}$  oz. 65 cts.; oz. \$2.00.

904. **GIANT FLOWERED MIXED.** This is a mixture of large flowering single varieties containing a good assortment of colors. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 50 cts.

**SINGLE BEDDING PETUNIAS. R. G.** This type forms compact plants 12 inches tall. Free flowering and especially fine for beds and borders.

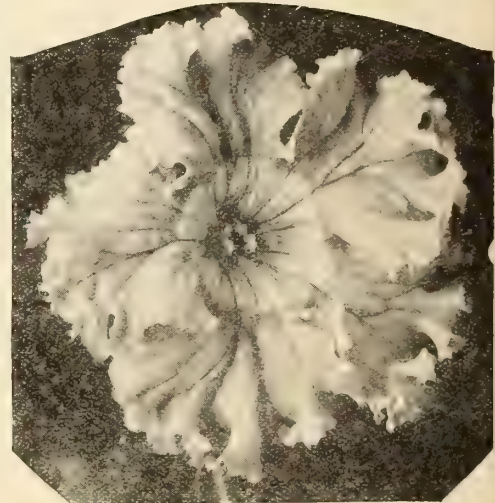
889. **PURPLE PRINCE.** A large flowered, plain-edged variety of a most impressive rich and clear purple-violet color. Pkt. 20 cts.;  $\frac{1}{16}$  oz. \$1.75.

946. **ROSE OF HEAVEN.** Rich, brilliant rose color. Deeper in color than Rosy Morn. Pkt. 10 cts.;  $\frac{1}{8}$  oz. 35 cts.;  $\frac{1}{4}$  oz. 60 cts.

905. **ROSY MORN.** Soft rose pink with a white throat. Pkt. 10 cts.;  $\frac{1}{8}$  oz. 35 cts.;  $\frac{1}{4}$  oz. 60 cts.

1042. **SNOW BALL.** Pure satiny white. Pkt. 10 cts.;  $\frac{1}{8}$  oz. 35 cts.;  $\frac{1}{4}$  oz. 60 cts.

906. **MIXED.** Many different colors. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 40 cts.



Giants of California Petunias

**PHLOX DRUMMONDI GRANDIFLORA A. R. G.**

One of the best annuals. Easily grown from seed and produces large heads of brilliant blooms all summer. This variety is the best and largest of the annual phlox. Sturdy plants, 15 inches high, make it excellent for bedding.

895. Brilliant Crimson. 896. Rosea, Pink. 897. Violet.  
Any of the above colors. Pkt. 10 cts.; ¼ oz. 45 cts.; oz. \$1.50.  
898. MIXED. An attractive mixture of many colors. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. 90 cts.

988. NEW PHLOX DRUMMONDI—Gigantea Art Shades. Award of Merit 1935 All America Selections. A new strain of Phlox Drummondii with flowers 1¼ inches to 1½ inches in diameter. A wonderful range of color in soft art shades. The soft colors blended together make a most beautiful mixture and a color combination never before seen in annual phlox. Plants about 9 inches high. Pkt. 15 cts.; ¼ oz. 35 cts.; ¼ oz. 65 cts.; oz. \$2.00.

**PHLOX (HARDY PERENNIAL)**

899. MIXED. A fine mixture of the large perennial varieties. Pkt. 10 cts.; ¼ oz. 60 cts.; oz. \$2.00.

**PHYSALIS P. CHINESE LANTERN PLANT**

900. An ornamental plant forming dense bushes 2 feet high and producing freely orange scarlet fruits resembling Chinese lanterns which can be cut and dried for winter bouquets. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 75 cts.

**ANNUAL POPPIES**

1000. AMERICAN LEGION POPPY. This new single poppy of the Shirley type is a dazzling orange-scarlet of immense size, borne on long stout stems. Pkt. 10 cts.; ½ oz. 25 cts.; oz. 40 cts.

1058. SHIRLEY WILD-ROSE PINK. This beautiful variety is a selection out of the Shirley Poppy; in color a uniform bright but soft Wild-Rose pink, a color that appeals to everyone and which makes a charming bed, and of special value for cutting. 2 ft. Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 50 cts.

841. SWEET BRIER A.—The New Double Shirley Poppy. One of the most popular shades in shirley poppies has been wild rose pink. We now offer this most beautiful color in a double flowering form. The blossoms are full double resembling a very large double begonia. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 50 cts.



Poppy Oriental

1045. SHIRLEY MIXED. The large flowers are brilliantly colored and always attract much attention. Pkt. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.

**PERENNIAL POPPIES**

1043. ICELAND. R. G. The graceful foliage is surmounted with a mass of stems a foot high, which terminates in a beautiful cup-shaped flower. Blooms the entire summer. Single mixed colors range from white and yellow to deep orange scarlet. Pkt. 10 cts.; ½ oz. 20 cts.; ¼ oz. 30 cts.; oz. \$1.00.

1044. ORIENTAL MIXED. Three feet; May and June. Flowers of gorgeous brilliancy. Colors from soft rose to dazzling scarlet and richest maroon purple. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. \$1.00.

**PORTULACA A. R. G.**

Brilliant flowers, low growth, thrives under the most adverse conditions. Indispensable for filling in, bedding and rock plantings.

1046. DOUBLE MIXED. Pkt. 10 cts.; ¼ oz. 60 cts.; oz. \$2.00.  
908. SINGLE MIXED. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 75 cts.

**PYRETHRUM A. R. G. (GOLDEN FEATHER)**

909. The beautiful golden leaves growing about one foot high make an incomparable edging for flower beds. Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 50 cts.

**PYRETHRUM P. (PAINTED DAISY)**

912. ROSEUM HYBRIDUM MIXED. Produces charming white, pink and rose colored daisy-like flowers from April through June. Height, 2 feet. Pkt. 10 cts.; ¼ oz. 50 cts.

**QUEEN ANNE'S LACE**

See Blue Lace Flower, page 38.

**RICINUS A. (CASTOR OIL BEAN)**

913. Large plants growing from 6 to 7 feet high with broad spreading leaves that give a very tropical effect. Used in the center of beds, on lawns and for massing. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.. lb. \$1.50.

**SALPIGLOSIS A. (PAINTED TONGUE)**

914. MIXED. An exceedingly beautiful, showy flower, of purple, red, yellow, buff and blue, all delicately veined. The flowers are similar to petunias in shape but the beautifully colored petals marked with fine veins of gold leave much doubt as to which is the most beautiful. Height about 2½ feet. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 75 cts.



Phlox Drummondii

954. SCABIOSA GRANDIFLORA ROSETTE A. A beautiful shade of deep rose heavily suffused with salmon. This is an entirely new shade in annual Scabiosa. The flowers are extra large and the stems are long and stiff. Pkt. 10 cts.; ¼ oz. 40 cts.

**SCABIOSA A.**

917. MIXED. The growing plants are not only highly ornamental, but produce freely on long stems beautifully formed flowers of many colors. Height, 2½ feet. Sow seed as soon as trees are starting to leaf. Pkt. 10 cts.; ½ oz. 25 cts.; oz. 45 cts.

**SCABIOSA P.**

1050. JAPONICA. A hardy variety from Japan. Flowers beautiful clear blue. Pkt. 10 cts.; ½ oz. 40 cts.; oz. 75 cts.

**SCARLET RUNNER BEAN A.**

918. A quick-growing vine bearing large sprays of bright scarlet pea-like flowers. When fully ripened the dry beans are bright scarlet, heavily blotched with purple. Pkt. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

**SCHIZANTHUS A. R. G.**

911. BUTTERFLY FLOWER. An easily grown dainty annual. Quick to flower. Blooms profusely throughout the Summer. Innumerable small butterfly-like blooms in many colors. Height, 1½ feet. Desirable as a pot plant as well as for garden decoration. Pkt. 10 cts.; ½ oz. 30 cts.; oz. 50 cts.

**SNOW ON THE MOUNTAIN**

See Euphorbia, page 40.

**STOCKS DWARF DOUBLE TEN WEEKS A.**

919. MIXED. Highly recommended as a cut flower. The colors are white, yellow, pink and blue. Sow seed in hotbed or boxes and transplant into rich soil. Height, 12 inches. Pkt. 5 cts.; ½ oz. 15 cts.; ¼ oz. 25 cts.; oz. 75 cts.

**STOKESIA P. (CORN FLOWER OR STOKES ASTER) R. G.**

1051. CYANEA. Plants grow from 18 to 24 inches high, bearing freely from July to October. The flowers resemble the corn flower and are delicate blue. One of the most desirable plants for the hardy border. Excellent for cutting. Pkt. 10 cts.; ¼ oz. 35 cts.; oz. \$1.25.

**SUNFLOWER A. (Chrysanthemum Flowering)**

920. Positively the finest sun flower in cultivation. Flowers always perfectly double and of brightest golden yellow. Height, 6 feet. Pkt. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.

**SCARLET SAGE (SALVIA A.)**

915. BONFIRE SCARLET SAGE. A fine variety, 2 feet high; forms a dense compact bush; is a heavy bloomer, having brilliant scarlet flowers. Pkt. 10 cts.; ¼ oz. 40 cts.; ¼ oz. 65 cts.; oz. \$2.25.

916. SALVIA SPLENDENS. Handsome, bushy plants which produce hundreds of spikes of brilliant scarlet flowers during the early fall months. Seed should be sown early indoors; set plants in beds as soon as danger from frost is past. Pkt. 10 cts.; ¼ oz. 25 cts.; ¼ oz. 40 cts.; ½ oz. 75 cts.; oz. \$1.35.



Scarlet Sage

## SWEET PEAS

### Early Flowering Spencer Varieties

These varieties are a welcome addition to our lists for they flower several weeks earlier than the regular Spencers and if planted with them will give a much longer season of bloom.

959. **EXPOSITION PINK.** A gorgeous rich pink.

960. **HOPE.** Pure, white, black seeded.

961. **HARMONY.** Lavender shaded with light rose.

958. **MRS. HOOVER.** A fine clear blue.

962. **RED BIRD.** Bright crimson red.

963. **VALENCIA.** Bright sunproof orange.

The above varieties, pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.25.

964. **SHIRLEY TEMPLE—NEW.** Soft rose-pink. Flowers are fluted and daintily frilled; and are the largest we have ever seen on a Sweet Pea. Pkt. 15 cts.; oz. 75 cts.

969. **MIXED EARLY SPENCERS.** A well-balanced mixture of the newest and brightest colors. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.25, postpaid.

### EVERLASTING SWEET PEAS

1036. **PERENNIAL.** *Lathyrus Lotifolius.* Once planted these live year after year, bearing magnificent clusters of flowers early in the Spring before the annual kind begins to flower. Excellent for cutting. Grow 6 to 8 feet high. Pkt. 10 cts.; ½ oz. 25 cts.; oz. 40 cts.; ¼ lb. \$1.25.



Sweet Peas

### SWEET ROCKET P.

921. **MIXED.** Plants attain a height of 2 feet and produce sweet scented panicles of white and lavender flowers. Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 50 cts.

### SWEET SULTAN A.

1049. **CENTAUREA MOSCHATA.** Blooms profusely all during the Summer and Fall. The plants grow 2 feet tall and produce an abundance of long-stemmed blooms which are splendid for cutting. The sweet perfume of these flowers and their lasting quality in water is astonishing. This mixture contains many colors. Pkt. 10 cts.; ½ oz. 30 cts.; oz. 50 cts.

### SWEET WILLIAM P.

An old-fashioned flower which, because of its easy culture and particular beauty, is extensively used in solid beds, front of borders, or in rock gardens. Height, 1½ feet.

922. **NEWPORT PINK (Watermelon Pink).** Pkt. 10 cts.; ¼ oz. 25 cts.; ½ oz. 40 cts.; oz. 75 cts.

1052. **WHITE.** Pkt. 10 cts.; ½ oz. 30 cts.; oz. 50 cts.

923. **SCARLET BEAUTY.** Bright Scarlet single. Pkt. 10 cts.; ¼ oz. 25 cts.; ½ oz. 40 cts.; oz. 75 cts.; ¼ lb. \$2.50.

924. **SINGLE MIXED.** Pkt. 10 cts.; ½ oz. 20 cts.; oz. 30 cts.; ¼ lb. 90 cts.; lb. \$3.00.

925. **DOUBLE MIXED.** Pkt. 10 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. \$1.50; lb. \$5.00.

### EVERBLOOMING HYBRID SWEET WILLIAM P.

1053. **LATIFOLIUS ATROCOCCINEUS (Scarlet).** This is a cross between an annual pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. \$1.00.

955. **LATIFOLIUS DOUBLE MIXED.** This mixture contains crimson, purple, violet and rose. Pkt. 10 cts.; ½ oz. 35 cts.; oz. 60 cts.



Sweet William

## SWEET PEAS

### Late Spencer or Orchid Flowering

**CULTURE.** Sow as early in the Spring as the ground can be worked in rich well-limed soil with good drainage. Make a trench about 4 inches deep and sow the seed in the bottom of it covering with about one inch of soil. When the plants attain a height of from two to three inches cultivate them and gradually fill up the trench to the level of the ground. One ounce will plant a 15-foot row.

977. **AMBITION.** Rich deep lavender.

966. **DAMASK ROSE.** The brightest rose carmine Sweet Pea.

965. **HUNTSMAN.** Fine bright scarlet.

967. **OLYMPIA.** Deep red purple of graceful form and immense size.

968. **PINKIE.** Rose pink with large and frilled flowers.

971. **PIRATE GOLD.** A rich deep golden orange.

978. **REFLECTION.** Lovely clear blue.

974. **SEXTET QUEEN.** Pure white flowers of perfect form and great substance.

973. **SMILES.** Clear glistening salmon.

982. **WELCOME.** The most brilliant dazzling scarlet Sweet Pea.

979. **WHAT JOY.** Deep cream.

The above varieties, pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.25.

1002. **SUPERB MIXED SPENCER SWEET PEAS.** This mixture contains the choicest named varieties. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 50 cts.; 1 lb. \$1.50.

957. **BOLGIANO'S SPECIAL GRANDIFLORA MIXED.** A fine mixture of the grandiflora varieties. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

### THUNBERGIA A. (BLACK-EYED SUSAN)

927. **MIXED.** Neat foliage. Vines are of rapid growth and produce freely white, yellow and orange flowers, each with a black eye. Pkt. 10 cts.; ¼ oz. 25 cts.; ½ oz. 40 cts.; oz. 75 cts.

### TITHONIA

990. **MEXICAN SUNFLOWER. (Golden Flower of the Incas.) Speciosa.** Stately plants grow about 6 feet tall with brilliant orange-scarlet blooms 3 to 4 inches across. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. \$1.00.

1034. **TITHONIA, FIREBALL—NEW.** Dazzling as a ball of fire poised high above other flowers, Fireball is, undoubtedly, the last word in brilliance of color in a fall blooming plant. Fireball is a very brilliant shade of scarlet orange, the petals in dazzling contrast to the clear yellow center. Height, 6 to 7 feet. Special Packet, 20 cts.

### TRITOMA P. (RED HOT POKER)

928. **HYBRIDA.** Striking red spires from August until late autumn. Plant the seed indoors from January to March and set out the plants the latter part of April. Pkt. 10 cts.; ¼ oz. 50 cts.; oz. \$1.50.

### VENIDIUM FASTUOSUM A.

1047. **MONARCH OF THE VELDT.** The plants grow 2 to 3 feet tall and bear many large, daisy-like blooms, 3 to 4 inches across. The ray-petals are brilliant orange with a purple-black zone and a unique center of woolly green. Pkt. 15 cts.; ½ oz. 60 cts.

### VERBENA A. R. G.

929. **FINE MIXED.** A truly useful plant. It can be used in beds, borders or window boxes. The colors are white, rose, violet, yellow and scarlet. Pkt. 5 cts.; ¼ oz. 25 cts.; ½ oz. 40 cts.; oz. 75 cts.

938. **VERBENA FLORADALE BEAUTY.** Special Mention All America Selections for 1937. Floradale Beauty is a Giant Hybrid, the flowers varying from bright rose-pink to deep rose-red of exceptional brightness. Very free flowering. Pkts. 20 cts. each; ¼ oz. 65 cts.

### VINCA A. (PERIWINKLE)

930. **MIXED.** One foot high; neat, white and pink blooms with dark foliage. One of the best plants for window boxes. Pkt. 10 cts.; ¼ oz. 20 cts.; ½ oz. 40 cts.; oz. 75 cts.

### VIOLA P. (TUFTED PANSY) R. G.

1054. **CORNUTA MIXED.** Six inches. More graceful and freely blooming than pansies. The colors of yellow, blue, lavender and white are more distinct and the plants bloom over a long period. Pkt. 10 cts.; ½ oz. 35 cts.; ¼ oz. 60 cts.; oz. \$2.00.

### WALL FLOWER B.

931. An attractive sweet scented biennial. Lovely gold and red flower spikes; in early spring. Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 40 cts.

### SIBERIAN WALL FLOWER P. R. G.

1055. **CHEIRANTHUS ALLIONI.** Bright heads of orange flowers about 12 inches high, from spring through the summer. Pkt. 10 cts.; ½ oz. 20 cts.

### WILD FLOWER GARDEN MIXTURE A.

933. **CALIFORNIA NATIVE FLOWERS.** This is a well-balanced mixture of hardy annuals suitable for planting in odd corners or on vacant lots. This mixture is easily grown and makes a fine bed for cut flowers. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 50 cts.; lb. \$1.50.



# BOLGIANO'S CALIFORNIA GROWN ZINNIAS A.

## DAHLIA FLOWERED ZINNIAS



Zinnia Dahlia Flowered

Attractive member of the Zinnia family. Immense dahlia-like flowers often measuring 4 to 5 inches in diameter. The sturdy plants, about 2½ feet high, produce an abundance of blooms all summer.

940. **CANARY BIRD.** Delicate shade of primrose yellow. A very unusual color.

939. **EXQUISITE.** By far the most pleasing of our collection. Truly dahlia-like in both form and size. Color light rose with center a deep rose. (Tyrian Rose.)

941. **ORIOLE.** We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named.

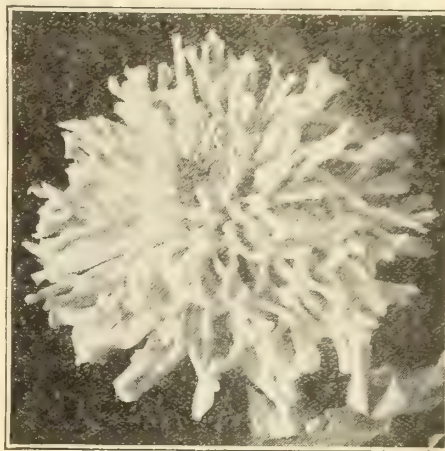
942. **PURPLE PRINCE.** A fine, deep purple (Rhdanthe Purple), large and well-formed. (New.)

943. **POLAR BEAR.** A very large pure white, the best white yet seen in Zinnias. True Dahlia form.

944. **SCARLET FLAME.** A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. This is not a bicolor.

The above six varieties, 10 cts. per pkt.; ¼ oz. 35 cts.; ½ oz. 60 cts.; oz. \$1.00.

945. **DAHLIA FLOWERED MIXTURE.** All the above colors and others, pkt. 10 cts.; ¼ oz. 25 cts.; ½ oz. 40 cts.; oz. 75 cts.



Zinnia Fantasy

## CALIFORNIA GIANTS OR MAMMOTH ZINNIAS

The great advantage of this type is that the flowers are of enormous size and flat getting away from the conical type of the regular giants and eliminating the stiffness that has been so objectionable in Zinnias in the past.

934. **SCARLET GEM.** Deep scarlet. 935. **BRIGHTNESS.** Bright pink.

936. **GOLDEN QUEEN.** Golden yellow. 937. **PURITY.** Pure white.

The above 4 varieties, pkt. 10 cts.; ¼ oz. 35 cts.; ½ oz. 60 cts.; oz. \$1.00.

1057. **CALIFORNIA GIANTS MIXED.** Pkt. 10 cts.; ¼ oz. 25 cts.; ½ oz. 40 cts.; oz. 75 cts.

956. **ZINNIA STARDUST.** Award of Merit, 1937 All America Selections. (Illustrated outside back cover.) It has the same shaggy-petaled, medium sized flower as the mixture. A delicate graceful bloom. A rich deep golden yellow. 2½-foot plant. Early flowering, coming into flower about 45 to 50 days from the time of planting. Pkt. 20 cts.; ¼ oz. 45 cts.; ½ oz. 75 cts.

983. **ZINNIA FANTASY, FINEST MIXED.** Chrysanthemum Flowered. Award of Merit, 1935 All America Selections. The rounded medium sized flowers are composed of a mass of shaggy ray-like petals. The color range includes the brightest shades of reds, yellows and orange as well as the popular pastel pinks and cream. Pkt. 10 cts.; ⅓ oz. 20 cts.; ¼ oz. 35 cts.; ½ oz. 60 cts.; oz. \$1.00.

## POMPON OR LILLIPUT ZINNIAS R. G.

998. **CRIMSON GEM.** A rich crimson. 970. **PINK GEM.** A deep pink.

999. **SALMON GEM.** Bright salmon.

The above three varieties, pkt. 10 cts.; ¼ oz. 25 cts.; oz. 75 cts.

947 **MIXED.** The best Zinnia for bedding. Compact plant, about 12 inches high, bearing small double flowers of distinct colors. Pkt. 10 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 60 cts.

Prices  
Postpaid

# BOLGIANO'S CANNAS

Prices  
Postpaid

For best results spade the beds 2 feet deep, and incorporate in the soil a liberal amount of well-decayed manure of any kind. Water well at all times. Set the plants 18 inches apart.

**CITY OF PORTLAND.** The plants make a strong, upright growth, 3½ feet tall. Contrasting with the rich, deep green foliage are flowers of a bright pink color. 10 cts. each; 6 for 55 cts.; \$1.00 doz.

**EUREKA.** Eureka is a beautiful creamy white Canna with large bold flowers borne on plants 4½ feet tall. The individual petals are heavy and substantial. The foliage is rich dark green. 10 cts. each; 6 for 55 cts.; \$1.00 doz.

**HUNGARIA.** Extra large flower-trusses of heavy substance, carried on strong stems. The blooms are a magnificent rose-pink shade; grows from 3 to 3½ feet. 10 cts. each; 6 for 55c; \$1.00 doz.

**KING HUMBERT.** Large purplish brown foliage with a metallic sheen, forming a sharp contrast to the orange-colored blooms. It is a most striking Canna of stately habit and the color combination of the foliage and flowers gives a striking effect. Height, 4½ feet. 10 cts. each; 6 for 50 cts.; 90 cts. doz.

**MRS. ALFRED F. CONARD.** Gigantic flowers borne in immense clusters; color, delightful salmon pink, a shade which becomes more brilliant as the flower develops; foliage light green; 4 feet. 10 cts. each; 6 for 55 cts.; \$1.00 doz.

**RICHARD WALLACE.** Large, showy, pure canary yellow flowers carried on good stems; green foliage; 4½ feet. 10 cts. each; 6 for 50 cts.; 90 cts. doz.

**THE PRESIDENT.** This splendid variety produces immense flowers of a rich, glowing scarlet; superior in quantity and quality of bloom to any other red variety; green foliage; 4 feet. 10 cts. each; 6 for 55 cts. \$1.00 doz.

**WINTER'S COLOSSAL.** Flowers frequently eight inches in diameter; bright scarlet; very effective, free-flowering bedding variety, 5 feet. 10 cts. each; 6 for 50 cts.; 90 cts. doz.

**YELLOW KING HUMBERT.** A sport of the well-known bronze-leaved variety, but with green foliage; about 4½ feet high, with masses of golden yellow flowers, dotted red; occasionally some will be streaked red. 10 cts. each; 6 for 50 cts.; 90 cts. doz.

975. **ZINNIA LINEARIS.** (Illustration on back cover.) This little dwarf variety is the most unusual and interesting of the newer Zinnias. The flowers, which are single, are a lovely shade of golden orange, with a delicate lemon yellow stripe through each petal. The center is a dark brown in the young flowers turning golden orange as the pollen develops. It blooms extremely early commencing when the plants are about 6 inches tall and continuing right on through the season until the late autumn frosts. Well suited for border or edging use and excellent for window boxes. Ultimate height, 8 to 10 inches. Flowers 6 weeks after sowing. Pkt. 20 cts.; ⅓ oz. 45 cts.

992. **ZINNIA SCABIOUS FLOWERED MIXED.** (Illustrated outside back cover.) The flowers are somewhat less than medium size and bear a remarkable resemblance to the annual Scabiosa. The plants are extremely free flowering 2 to 2½ feet high, giving a wealth of bloom throughout the summer. While the color range includes all popular shades, it is particularly rich in shades of crimson, scarlet, orange, yellow and pink. Pkt. 15 cts.; ¼ oz. 40 cts.; ½ oz. 75 cts.

1001. **ZINNIA NAVAJO.** (Illustrated outside back cover.) Gaillardia Flowered Finest Mixed. The flowers are very attractive, of medium size, about 2 inches in diameter, fine for cut flower use, and are carried on stems of medium length. The colors range through the mellow tones of rose, pink, bronze, yellow, orange, lavender, and combinations of these colors. Plants grow 2 feet high. Flowers 45 days after seed is sown. Pkt. 20 cts.; ¼ oz. 50 cts.

**WYOMING.** Immense spikes of large massive orange colored flowers; bronze foliage; 6 feet. 10 cts. each; 6 for 50 cts.; 90 cts. doz.



Canna

One Each of the 10 Listed for 90 cts., Postpaid

# Hardy Perennial and Biennial Flower Plants

**CULTURE:** A deep, well-drained bed of enriched soil is essential to the proper growth of the plants. Care taken in providing a suitable bed will repay you many times as you watch the succession of various beautiful and fragrant blooms through the seasons year after year. They should be planted in March or April, according to the season, for best results.

**POSTAGE ON PLANTS.** Add for postage and packing: Single plants, 10 cts.; 3 plants, 20 cts.; 6 plants, 30 cts.; 12 plants, 40 cts. We Can Supply Many Other Varieties of Plants Than Those Listed. Orders Promptly Filled.

## ALYSSUM (HARDY YELLOW)

**SAXATILE COMPACTUM.** Broad masses of bright yellow flowers in early spring. For rockeries or front of borders. 1 foot. Plants 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

## ANEMONE JAPONICA (Japanese Windflower)

**QUEEN CHARLOTTE.** Large semi-double flowers of "La France" pink. Grows well in shade. a good cut-flower. 2 feet.

**WHIRLWIND.** Similar to above, but pure white. Plants, 25 cts. each; 3 for 65 cts.; 6 for \$1.25; \$2.25 per doz.

## ASTER (HARDY)

(Michelmas Daisy). Lovely, daisy-like flowers, 4 to 5 ft. high; blooming September and October. Climax, blue violet; Barr's Pink, bright pink. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

(New Dwarf Asters). Very desirable for the rock garden and for borders.

**Countess of Dudley.** Clear pink with yellow eye. Blooms during September. Height, 9 inches.

**LITTLE BOY BLUE.** Blue; blooms in early September. Height about 1 foot.

**Victor.** The dwarfiest of them all. Beautiful lavender-blue flowers in September. Height, 6 to 9 inches.

Plants, any of above, 20 cts. each; 3 for 55 cts.; \$2.00 per doz.

## BLEEDING HEART

**DICENTRA SPECTABILIS.** Long graceful racemes of heart shaped rose crimson flowers. Plants 30 cts. each.

**DICENTRA EXIMEA (FALSE BLEEDING HEART).** The foliage is fernlike and remains attractive all summer. The heart shaped flowers are pink. Plants, 20 cts. each; 3 for 55 cts.; \$2.00 per doz.

## CANDYTUFT (HARDY)

**IBERIS SEMPERVIRENS.** May and June. Six inches. Evergreen plants covered with white blooms in spring and early summer. Excellent for rockeries or borders. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

## CHRYSANTHEMUM PLANTS

Delivery After April 15th

### SINGLE FLOWERING VARIETIES

Attraction (Sept. 15).....Pink	Dazaria (Oct. 5)....New, Pale Pink
Crimson Splendor	Orion (Sept. 30).....Yellow
(Sept. 10).....Crimson	

### BUTTON VARIETIES

Lemon Button (Oct. 26)....Yellow	Model of Perfection (Oct. 10).....White
Crimson Sheen	Alice Barnham (Sept. 30)....Bronze
(Oct. 15).....Crimson Red	Yellow Gem (Sept. 5)....Deep Yellow

**Dainty** (Oct. 1)....Pale Pink Tipt Bronze

### POMPON VARIETIES

Pink Dot (Oct. 5).....Deep Pink	R. Marion Hatton (Oct. 15)....Yellow
Amelia (Aug. 1st)	White Doty (Oct. 20)....Pure White
	Pink Azalea-mum

**October Dawn** (Oct. 5)....Pale Pink

### LARGE TYPE VARIETIES

James Hampton (Oct. 1)....Cream	September Queen (Sept. 15)....White
Indian (Oct. 10).....Copper Red	Yellow Diana (Nov. 1)....Yellow
	Mrs. L. Burchard (Oct. 15)....Shell Pink

Any of above, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

### CHRYSANTHEMUM (Korean)

**Korean**.....Single White Tipt Pink, blooms Aug. 20  
20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

### CHRYSANTHEMUM (Morifolium)

**Morifolium**.....Tiny, Single Pink Flowers in Clusters, blooms in Sept.  
Height, 12 inches. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

## COLUMBINE

**AQUILEGIA.** 1 to 2 feet. May to July. One of the most valuable of the early flowering perennials. The long spurred blooms and lengthy stems are well adapted to use as cut flowers, but they also produce a beautiful effect when massed in the garden. They do best in a sheltered location that gets the sunshine.

**CHRYSANTHA (GOLDEN COLUMBINE).** Yellow flowers with long spurs.

**GLEBEWOOD PINK.** Extra long spurred. Large flowered. Pink.

**MRS. SCOTT ELLIOTT.** Long spurred Hybrids. Pastel shades; mixed. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

## CONVALLARIA

**LILY OF THE VALLEY.** German Hybrid. Extra fine. \$1.00 per doz. \$7.75 per 100.



Bleeding Heart

## COREOPSIS

**GRANDIFLORA.** 2 feet. June to October. Bears many large golden daisy-like flowers which last long as cut flowers and are very effective in the garden. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.



Chrysanthemum

## DAISY (SHASTA)

**ALASKA.** Great white daisies with curving petals and yellow centers that make a splendid show all summer. Wonderful as cut flowers.

**MRS. C. L. BELL.** An improved variety. Large flowers and long blooming season. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

## DIANTHUS (HARDY PINKS)

**PLUMARIUS (Pheasant's eye pink).** Sweet clove scented, low growing fringed flowers of pink and white. In great profusion during May and June. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

## DELPHINIUM (Perennial Larkspur)

**CHINENSIS.** Although a perennial, will bloom in August if planted early in the spring. On account of its dwarfness (2 to 3 ft.) and brilliant blue flowers it is a popular plant for bedding and cut flowers. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**WREXHAM HYBRIDS.** Mixture of the most beautiful tall, large flowering varieties. The long graceful spikes of harmonizing blue colors make a splendid background. Height, 4 to 6 ft. Plants, 25 cts. each; 3 for 70 cts.; 6 for \$1.25; \$2.50 per doz.

**BELLADONNA.** Light blue.

**BELLAMOSUM.** Dark blue.

Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.



Delphiniums

## DIGITALIS (FOX GLOVE)

**GLOXINAEFLORA.** White or purple. The plants grow 3 feet high and bear long spikes of thimble-shaped flowers, brilliantly colored and spotted. If planted in well-drained soil will thrive nicely. Plants 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

## EUPATORIUM

**Hardy Ageratum or Mist Flower.** One of the prettiest perennials. From August until November it is completely covered with dense heads of flowers similar to Ageratum. Very good for cutting. Coelestinum, blue, 2 feet. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

## FEVERFEW

**LITTLE GEM.** A most useful border plant and valuable summer cut flower, with large double, white flowers.

**GOLDEN BALL.** A lovely yellow. June to October. 18 to 21 inches. 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

## HOSTA (FUNKIA)

**LANCIFOLIA.** Broad massive foliage, violet blue, lily-like, flowers July and August. Easy to manage and very effective.

**PLANTAGINEA GRANDIFLORA.** The white variety. Plants, 20 cts. each; 3 for 55 cts.; \$2.00 per doz.

**GAILLARDIA**

**GRANDIFLORA.** June to October; two feet. The beautiful single flowers are red in the center with clear yellow markings on outer edges of petal. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**DAZZLER.** A new dazzling bright variety with larger blooms than the old one. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**HEMEROCALLIS (YELLOW DAY LILY)**

**DUMORTIERI.** Dwarf orange yellow. Flowers in May. 1½ to 2 feet.

**FLAVA (LEMON LILY).** Sweet scented, clear full yellow; 2½ feet. Flowers in June.

**KWANSO.** Large double-flowered variety, with rich, golden bronze flowers in July. 4 to 5 feet.

**THUNBERGL.** Much like Flava, but flowers in July, a month later. 4 feet. Plants, 25 cts. each; 3 for 65 cts.; 6 for \$1.20; \$2.25 per doz.

**HIBISCUS**

**MALLOW MARVELS MIXED.** 5 to 8 feet. June to September. Giant blooms of pink, white and red, frequently 6 to 8 inches in diameter. Unsurpassed for a background or hedge. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**HOLLYHOCKS**

Six to eight feet; August to September. One of the most showy of all hardy garden plants, producing majestic spikes of large double or single blossoms, measuring 3 to 4 inches across.

Plants may be had in crimson, Newport pink, salmon, white or yellow. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**IRIS GERMANICA (GERMAN IRIS)**

**AMBASSADOR.** Standards: Dull purplish bronze, falls deep velvety maroon. 4 feet.

**CELESTE.** Standards lavender blue.

**DAMOZEL.** White, edged with blue.

**FELDSPAR.** Standards: Clear lemon yellow. Falls yellow.

**GOLD IMPERIAL.** Vigorous grower; free flowering; gold yellow.

**IRIS KING.** Brown standards, coppery yellow falls.

**KOCHI.** Rich claret purple, early.

**MARION CRAN.** Best of pinkish shades.

**PRINCESS BEATRICE.** Standards and falls clear lavender blue shading to pale silvery blue at base. Sweet scented.

**RHEIN NIXE.** Standards white, falls rich violet purple with distinct narrow white edge. Very large

**SHEKINAH.** Pale yellow shading to amber, lemon colored beard. This is the fine yellow Pallida.

**TAJ MAHAL.** A very beautiful white of great substance.

**TRUE CHARM.** White, edged blue. Plants, 20 cts. each; 3 for 50 cts.; \$1.75 per doz.

**IRIS SIBIRICA (SIBERIAN IRIS)**

**ORIENTALIS.** A free flowering violet purple Iris. Height, 3½ feet. Blooms throughout the month of June.

**SNOW QUEEN.** A beautiful white, very free flowering. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**IRIS PUMILA (DWARF)**

A dwarf Iris that is ideal for the rock garden. Yellow or purple. Blooms during March and April. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**GROUND COVERS FOR SHADY SPOTS**

**PACHYSANDRA.** Japanese Spurge. A trailing plant, 6 to 8 inches high, forming a complete cover of bright glossy green foliage and small spikes of flowers during May and June. \$1.50 per doz.; \$10.00 per 100.

**VINCA MINOR.** Periwinkle or Trailing Myrtle. An excellent dwarf trailing plant for carpeting the ground where it is too shady for other plants to thrive. \$1.00 per doz.; \$7.75 per 100.

**LINUM PERENNE**

(Flax)—Blue flowers, borne on stems 1 foot. June through September. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**PEONY ROOTS**

Delivery After August 1st

**ALEXANDER DUMAS.** Rich Pink. **KARL ROSENFELD.** Bright  
**ARMANDINE MECHIN.** Red. **CRIMSON.**  
**EDULIS SUPERBA.** Deep Pink. **LORA DEXHEIMER.** Crimson.  
**MONS. DuPONT.** White.

Price, any of above, 45 cts. each

**EXHIBITION PANSY PLANTS**

A mixture of the finest color combinations and attractive forms of **GIANT EXHIBITION PANSIES.** Plants, 10 cts. each; per doz., \$1.00.

**HARDY PHLOX**

One of the most important perennials. Produces large heads of fragrant flowers from early July to September. Height, 1½ to 3 feet:

**HAUPTMAN KOEHL.** Blood red.

**EUROPA.** White with red eye.

**LaVAGUE.** Mauve.

**LOUISE ALBEMA.** White, very fine.

**JULES SANDREAU.** Pink dwarf.

**MISS LINGARD.** Tall, pure white.

**RHEINLANDER.** Immense salmon pink.

**R. P. STRUTHERS.** Bright cherry red.

**ROKOKO.** Large, clear soft pink.

**ENCHANTRESS.** Bright salmon pink.

**ROSENCAVALLIER.** Brilliant rose majenta.

**TRAVIATA.** Reddish violet.

Plants, 20 cts. each; \$2.00 per doz.

**CREEPING PHLOX**

**SUBULATA (Moss or Mountain Pink).** An excellent plant for the rocky, border, and for carpeting the ground.

**ALBA.** White. **G. F. WILSON.** Blue. **VIVID.** Bright pink. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**PLATYCODON**

**JAPANESE BELL FLOWER** grows 2 to 3 feet high with attractive blue flowers from July to October. **MARIESIL.** Fine for the rock garden (blue). Height, 12-18 inches. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**PLUMBAGO**

**LARPENTAE.** It is of dwarf, spreading habit, growing 6 to 8 inches high, covered with broad, thick foliage and large deep violet-blue flowers. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**POPPY (ORIENTAL)**

Delivery After July 10th

Three feet; May and June. Flowers of gorgeous brilliancy. **SCARLET QUEEN.** Scarlet. **MRS. PERRY.** Salmon. **PERRY'S WHITE.** Fine white. **OLYMPIA.** Double orange. Plants, 30 cts. each; 3 for 75 cts.; \$2.75 per doz.

**PRIMULA**

**VERIS.** Hybrids. Plants all yellow or red with yellow eye. 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**PYRETHRUM (PAINTED DAISY)**

Produces charming pink and deep rose colored daisy-like flowers from April through June. Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**SWEET WILLIAM**

An old-time, hardy garden favorite, and so easily grown that it should have a place in all gardens.

**NEWPORT PINK, SCARLET BEAUTY, WHITE BEAUTY.** Plants, 20 cts. each; 3 for 50 cts.; 6 for 90 cts.; \$1.75 per doz.

**PERENNIAL VINES**

**BOSTON IVY.** Clings to brick or stone. 25 cts. each; \$2.00 per doz. **BITTERSWEET.** *Celastrus Articulatus.* The oriental variety. Is covered with orange-yellow berries in the fall. 25 cts. each; \$2.00 per doz.

**CLEMATIS PANICULATA.** Strong rapid growth pure white fragrant flowers, 25 cts. each; 6 for \$1.25; \$2.00 per doz.

**CLEMATIS—JACKMANI.** Large rich purple blooms. 75 cts. each. **ENGLISH IVY.** 2¼-inch pots. 10 cts. each; \$1.00 per doz.

**SILVER LACE VINE.** Plants, 75 cts. each. **VIRGINIA CREEPER.** Quick growing variety for covering trellises, old stumps, etc. 25 cts. each; \$2.00 per doz.

**WISTERIA.** Sinensis. 2 to 3 feet high. Produces early in the Spring thousands of pendulous clusters of delicate violet-blue blossoms. 75 cts. each.

**WISTERIA ALBA.** Same as above, only pure white. 75 cts. each.

**AUXILIN**

THE MIRACLE ROOT GROWER

Now Available

REAL ROOTS FROM CUTTINGS  
FASTER—SURE—CHEAPER

1/6 oz., 50c. treats to 600 cuttings  
1/2 oz., \$1. treats to 1,800 cuttings



Difficult cuttings from plants, shrubs, trees root easily, quickly. See photograph of American Holly rooted in 6 weeks. You get more, larger and healthier roots. Less disease. You need no special skill or equipment. Complete with graduated phial and full directions. Add water only.



Iris

Prices quoted include delivery in Washington, D. C., and vicinity  
We do not ship nursery stock

# BOLGIANO'S NURSERY STOCK

We handle only first class stock. But as there are so many conditions upon which successful growth is dependent, and over which we have no control, we cannot guarantee nursery stock.



Flowering Dogwood

**ALTHEA.** Rose of Sharon. Blooms from July until October. Double pink, white, and violet red. 3 to 4 feet, 60 cts.; 5 to 6 feet, \$1.00.

**BUTTERFLY BUSH.** Long spikes of violet mauve flowers from July to frost. Extra strong 2-year plants, 50 cts.

**BEAUTY BUSH.** Pale pink flowers with orange veins in throat. 3 to 4 feet, 60 cts.; 4 to 5 feet, 85 cts.

**CALYCANTHUS FLORIDUS.** Sweet Smelling Shrub. 2 to 3 feet, 60 cts.; 3 to 4 feet, 75 cts.

**CREPE MYRTLE.** Red, pink, white or lavender. 18 to 24 inches, \$1.00; 2 to 3 feet, \$1.50; 3 to 4 feet, \$2.00.

**DUETZIA.** Pride of Rochester. Large double white flowers tinged with rose. 3 to 4 feet, 75 cts.; 4 to 5 feet, \$1.00.

**DUETZIA.** Gracilis. Dwarf, compact, with many white sprays of flowers; in May. 15 to 18 inches, 50 cts.; 18 to 24 inches, 60 cts.

**FLOWERING ALMOND.** Early Spring flowering. When in bloom completely hidden by beautiful double foliage. Double pink or white. 18 to 24 inches,

ers, snuggling tightly to the twigs. \$1.00; 2 to 3 feet, \$1.25 each.

**FORSYTHIA SUSPENS.** Weeping Golden Bell. A tall shrub of willow growth. Graceful branches arching with golden bells in early spring. 2 to 3 feet, 60 cts.; 3 to 4 feet, 75 cts.

**FORSYTHIA INTERMEDIA SPECTABILIS.** Golden Bell. Strong erect habit; bright yellow bell-like flowers in early spring. 2 to 3 feet, 50 cts.; 3 to 4 feet, 60 cts.; 4 to 5 feet, 75 cts.

**HUGONIS.** Golden Rose of China. Fragrant, soft yellow, silken flowers in yard long sprays when the late tulips bloom. The plant is shrub-like with attractive foliage. 18 to 24 inches, 75 cts.; 2 to 3 feet, \$1.00.

**HYDRANGEA.** Arborescens Grandiflora. Early white almost round heads of flowers. 2 to 3 feet, 50 cts.; 3 to 4 feet, 75 cts.; 4 to 5 feet, \$1.00.

**HYDRANGEA "PEE GEE."** The old-time variety. 2 to 3 feet, 50 cts. each; 3 to 4 feet, 75 cts. each; 4 to 5 feet, 90 cts. each.

**BLUE OR PINK HYDRANGEAS.** Otaksa. 15 to 18 inches, 75 cts.; 18 to 24 inches, \$1.00.

**JAPANESE QUINCE.** Cydonia. Sometimes called "Japonica." Scarlet flowers early in the spring. 2 to 3 feet, 75 cts.; 3 to 3½ feet, \$1.00.

**LILACS.** Old fashioned purple. 3 to 4 feet, 75 cts.; 4 to 5 feet, \$1.00.

**LILACS.** French Hybrids. Larger panicles, richer coloring. Pres. Grevy. Light blue. Souvenir de Ludwig Spaeth. Dark purple. Madam Marie de Graye. Pure white. Madam Lemoine. Large double white.

The above four varieties, 2 to 3 feet, 75 cts.; 3 to 4 feet, \$1.00; 4 to 5 feet, \$1.50.

**PHILADELPHUS CORONARIUS-SWEET MOCK ORANGE.** Flowers, 2 inches in diameter, that completely cover the branches in May and early June. Fragrant, one of the most desirable. 3 to 4 feet, 60 cts.; 4 to 5 feet, 85 cts.

**RUGOSA ROSE.** A shrub rose. Dark, crinkled foliage. Pink, white or red roses and red fruits. Blooms all summer. 18 to 24 inches, 50 cts.; 2 to 3 feet, 75 cts.

**SNOWBALL.** Viburnum opulus sterilis. Large white balls in May or June. 2 to 3 feet, 50 cts.; 3 to 4 feet, 60 cts.

**SPIREA.** Anthony Waterer. Dwarf crimson flowers all summer. 15 to 18 inches, 50 cts.; 18 to 24 inches, 60 cts.; 2 to 3 feet, 75 cts. each.

**SPIREA.** Prunifolia. Bridal wreath. Early, white double flowers. 3 to 4 feet, 50 cts.; 4 to 5 feet, 75 cts.

**SPIREA.** Van Houttei. The most popular variety. May-June. 3 to 4 feet, 50 cts.; 4 to 5 feet, 75 cts.; 5 to 6 feet, \$1.00.

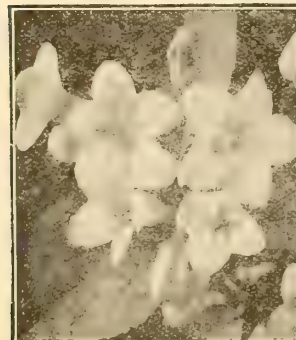
**SPIREA.** Thunbergii. Fine leaved foliage, arching branches, long sprays of white flowers in early spring. 18 to 24 inches, 50 cts.; 2 to 3 feet, 75 cts.; 3 to 4 feet, \$1.00.

**VIBURNUM CARLESI.** Mayflower Viburnum. Produces waxy flower clusters in early spring, lovely pink in bud opening to pure white. Prized for its exquisite fragrance. Does well in partial shade in slightly moist soil. 3 to 4 feet, \$2.50.

**WEIGELIA.** Beautiful, free blooming shrubs, much used in borders and as specimen plants for the lawn.

Rosea. 2 to 3 feet, 50 cts.; 3 to 4 feet, 60 cts.; 4 to 5 feet, 75 cts. White to pink flowers in May or June.

Eva Rathka. One of the most valuable. Flowers deep carmine red. June and July, 2 to 3 feet, 50 cts.; 3 to 4 feet, 75 cts.



Weigelia Rosea

## HEDGE PLANTS

**JAPANESE BARBERRY.** The best and most practical low hedge plant. It also makes a good footing or base planting near the house, or as a border plant in front of tall growing shrubs. They can be allowed to grow naturally or pruned into any hedge form desired.

	Per 10	Per 100
12 to 15 in.....	\$1.50	\$11.50
15 to 18 in.....	2.50	17.50
18 to 24 in.....	3.00	22.50

**NEW RED LEAF BARBERRY.** The foliage of this variety is always brilliant crimson. 15 to 18 inches, 50 cts. each, \$4.00 for 10; 18 to 24 inches, 60 cts. each, \$4.50 for 10; 3 to 4 feet, 90 cts., \$7.50 for 10.

**CALIFORNIA PRIVET.** The best known hedge plant. Dark green foliage which hangs to the plant until midwinter.

### Well Branched, Heavy Stock

	Per 10	Per 100
1½ to 2 feet.....	\$1.00	\$6.00
2 to 3 feet.....	1.50	9.00

## ORNAMENTAL AND SHADE TREES

**AMERICAN ELM.** Graceful high arching branches, leaving good space above roof for air and diffused light. 6 to 8 feet, \$1.50; 8 to 10 feet, \$2.00; 10 to 12 feet, \$2.50.

**CHINESE ELM.** Grows rapidly to a good height. Develops a broader base than the American type. The foliage is small and dense. The growth symmetrical and compact. 5 to 6 feet, \$1.50; 6 to 8 feet, \$2.00; 8 to 10 feet, \$2.50.

**DOGWOOD.** Everyone knows and loves the Dogwood. It needs no description. Pink flowering. 2 to 3 feet, \$2.00; 3 to 4 feet, \$3.00; 5 to 6 feet, \$6.50.

**DOGWOOD.** White flowering. 3 to 4 feet, \$1.50; 4 to 5 feet, \$2.00; 5 to 6 feet, \$3.00.

**FLOWERING CRAB.** Floribunda. One of the best of the flowering Crabs. The buds are a warm rose color opening to light pink flowers—the whole forming a shapely bush or small tree. 5 to 6 feet, \$2.00; 6 to 7 feet, \$3.00.

**JAPANESE CHERRY KWANZAN.** The flowers are very full and double, deep pink or old rose. The buds are red. The blossoms are very fragrant and borne in clusters. Blooms just after the Yoshino. 5 to 6 feet, \$2.75; 6 to 8 feet, \$3.75.

**JAPANESE CHERRY YOSHINO.** One of the loveliest of all and the kind that gives that magnificent sweep of pink color along the Tidal Basin at Washington, when "Cherry Time" draws its thousands of flower-lovers to the Capital. Fast growing and widespread, the early flowers very dense on the branches; buds red, the single flowers bluish pink maturing to white with a purplish pink center. 5 to 6 feet, \$2.75; 6 to 8 feet, \$3.75.

**LARCH.** European. Soft bluish green foliage. Rapid growing. 4 to 5 feet, \$3.00; 5 to 6 feet, \$4.00.

**LINDEN.** American. Grows 75 to 90 feet. A stately tree with large shining cordate leaves. Valuable for its beautiful white wood. Fragrant yellow flowers in July. 6 to 8 feet, \$2.00; 8 to 10 feet, \$3.00.

**LOMBARDY POPLAR.** Tall columnar tree, attaining a height of 60 feet. Used for formal plantings and screens. 6 to 8 feet, 90 cts. each, \$7.50 for 10; 8 to 10 feet, \$1.25 each, \$10.00 for 10.

**MAGNOLIA SOULANGEANA.** A hardy Chinese species, beautiful cup-shaped flowers 3 to 5 inches in diameter, white inside, flushed with pink outside 2 to 3 feet, \$3.00; 3 to 4 feet, \$4.50.

**MAPLE.** Silver. The fastest growing maple. Prune to a single stem for best form. 6 to 8 feet, \$1.25; 8 to 10 feet, \$1.75; 10 to 12 feet, \$2.50; 12 to 14 feet, \$3.50.

**MAPLE.** Norway. The best maple shade tree. Rapid grower. Leaves yellow in fall. 6 to 8 feet, \$2.00; 8 to 10 feet, \$3.00; 10 to 12 feet, \$4.00.

**ORIENTAL PLANE.** 80 feet. Thrives in all soils, even water side; wide spreading. Peculiarly attractive in winter when it sheds its bark. 6 to 8 feet, \$2.00; 8 to 10 feet, \$3.00.

**PIN OAK.** Sharply cut leaves, weeping lower branches. A good street tree. 6 to 8 feet, \$2.00; 8 to 10 feet, \$3.00.

**RED OAK.** Deep rooting. Easy to grow grass under. 6 to 8 feet, \$3.00; 8 to 10 feet, \$4.50.

**WEeping WILLOW.** 40 feet. Pendulous branches. Very effective when planted beside water. 6 to 8 feet, \$2.75; 8 to 10 feet, \$3.00.

**RED-LEAVED JAPANESE MAPLE.** Their beautiful shape and brilliant red foliage add color and variety to the landscape during spring and early summer. Strong plants, 15 to 18 inches high, \$2.00; 18 to 24 inches, \$3.00; 2½ to 3 feet, \$5.00.



Lombardy Poplar

**FRUIT DEPARTMENT**

**APPLE TREES.** 4 to 6 feet, 90 cts. each; \$7.50 per 10.

**WINTER VARIETIES**

Delicious. Fruit large, dark red, flesh fine grained, crisp and melting, juicy with a delightful aroma; annual bearer.

**Stayman.** Improved Winesap. Red in color Large and more prolific.

**York Imperial.** Skin bright yellow. An early and good producer.

**AUTUMN VARIETIES**

**Grimes Golden.** Good size, yellow, productive, of highest quality.

**SUMMER VARIETIES**

**Early Harvest.** Medium. Pale yellow, tender, juicy.

**Yellow Transparent.** Earliest. White skin changing to pale yellow.

**CHERRY TREES.** 5 to 6 feet, \$1.15 each; \$10.00 per 10.

**Montmorency.** Sour variety. Bears last of June.

**Early Richmond.** Sour, light red fruit. Bears about the middle of June.

**Tartarian.** Large, sweet, black cherries; in June.

**Napoleon.** Large, sweet; midseason; good quality.

**PEAR TREES.** 5 to 6 feet, \$1.00 each; \$9.00 per 10.

**Bartlett.** The best, large eating pear.

**Seckel.** Small, sweet; very popular.

**PEACH TREES.** 4 to 5 feet, 90 cts. each; \$7.50 per 10.

**Carman.** White flesh, semi-clingstone. Early and large.

**Belle of Georgia.** Large white flesh; freestone.

**Elberta.** Large, yellow flesh; freestone. A few days later than Belle of Georgia.

**PLUM TREES.** 5 to 7 feet, \$1.00 each; \$9.00 per 10.

**Abundance.** The popular early cherry-red Japanese Plum.

**Burbank.** A well-known dark red early variety. (Japanese.)

**GRAPE VINES.** Concord (the standard black). Niagara (white).

**Moores Early** (large black), **Lucile** (light red wine grape). 30 cts.; 6 for \$1.50. **Caco** (large wine red berries), 40 cts. each.

**BROAD LEAVED EVERGREEN SHRUBS**

**ABELIA GRANDIFLORA.** Bush Arbutus. An evergreen shrub, with dark green glossy leaves, becoming bronze colored in winter. Flowers white, funnel-shaped, tinged with pink, delicately sweet scented, borne in clusters from early spring until late autumn. 18 to 24 inches, 75 cts. each; 2 to 2½ feet, \$1.00 each; 2½ to 3 feet, \$1.25; 3 to 4 feet, \$1.50.

**AZALEA AMOENA.** Purple Azalea. 8 to 10 inches, \$1.00; 10 to 12 inches, \$1.25; 12 to 15 inches, \$1.50; 15 to 18 inches, \$2.00.

**AZALEA.** Hinodegiri. Low growing, brilliant scarlet flowers with evergreen leaves; 6 to 8 inches, \$1.00; 8 to 10 inches, \$1.50; 10 to 12 inches, \$1.75; 12 to 15 inches, \$2.25.

**AZALEA HINOMAYO.** Clear pink. 10 to 12 inches, \$1.50; 12 to 15 inches, \$2.00.

**AZALEA MACRANTHA.** Red salmon azalea. 15 to 18 inches, \$2.00.

**AZALEA SNOW.** Pure white. 8 to 10 inches, \$1.50; 10 to 12 inches, \$1.75.

**BOXWOOD.** Sempervirens. The faster growing variety. 10 to 12 inches, 70 cts.; 12 to 15 inches, 90 cts.; 15 to 18 inches, \$1.25; 18 to 21 inches, \$1.50; 21 to 24 inches, \$2.50.

**BOXWOOD.** Suffruticosa or Old English Box. Very slow growing, fine for edging or borders. 4 to 6 inches high, 25 cts. each; \$15.00 per 100; 6 to 8 inches high, 40 cts. each; \$30.00 per 100.

**MOUNTAIN LAUREL.** 18 to 24 inches, \$2.00; 2 to 3 feet, \$3.00.

**RHODODENDRON.** Catawbiense. Large, purple flowers. 18 to 24 inches, \$2.50; 2 to 3 feet, \$3.50.

**Maximum.** Large, white flowers. 18 to 24 inches, \$2.25; 2 to 2½ feet, 3.00; 2½ to 3 feet, \$3.75.

**Carolinianum.** Pink, 18 to 24 inches, \$2.50; 2 to 2½ feet, \$3.50.

**LOW GROWING OR DWARF HARDY EVERGREENS**

**ARBORVITAE.** Globe. Dense globe-shaped, dark green foliage. Used in large tubs or for foundation planting. 12 to 15 inches, \$1.00; 15 to 18 inches, \$1.50; 2½ to 3 feet, \$3.00.

**ARBORVITAE.** Tom Thumb. Low and broad with feathery gray-green foliage. 2 to 2½ feet, \$1.50.

**BIOTA AUREANA.** A dwarf pyramidal-shaped evergreen, with gold tipped foliage. 10 to 12 inches, \$1.25; 12 to 15 inches, \$1.50; 15 to 18 inches, \$2.00; 18 to 24 inches, \$2.50.

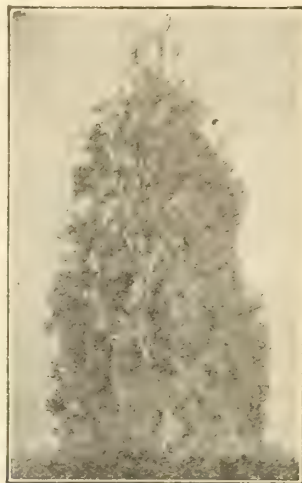
**DEPRESSA PLUMOSA.** Purple Spreading Juniper. 18 to 24 inches, \$2.00.

**JUNIPERUS PFITZERIANA.** Low spreading, dark green branches. Very effective when used among other types in the foundation planting. 15 to 18 inches, \$1.50; 18 to 24 inches, \$2.00; 2 to 2½ feet, \$3.00.

**JUNIPERUS STRICTA.** Greek Juniper. Always keeps its neat pyramid shape. Spiny silvery green foliage. 15 to 18 inches, \$1.25; 18 to 24 inches, \$1.75; 2 to 2½ feet, \$2.25.

**MUGHO PINE.** Japanese Dwarf Pine. Gray foliage, compact, very ornamental. 15 to 18 inches, \$1.75; 18 to 24 inches, \$2.50.

**YEW-JAPANESE SPREADING (Taxus Cuspidata).** Moderately bushy growth. Branches densely clothed with short leaves of dull green. 12 to 15 inches, \$1.50; 15 to 18 inches, \$1.75; 18 to 24 inches, \$2.50; 2 to 2½ feet, \$3.75.



Arborvitae Pyramidal

**TALL GROWING EVERGREENS**

**ARBORVITAE.** American. Tall rapid grower. 3 to 4 feet, \$1.75; 4 to 5 feet, \$2.25; 5 to 6 feet, \$3.00; 6 to 7 feet, \$4.00; 7 to 8 feet, \$5.25.

**ARBORVITAE ELEGANTISSIMA.** Golden Tipped. 2 to 3 feet, \$1.25; 3 to 4 feet, \$1.75; 4 to 5 feet, \$2.50; 5 to 6 feet, \$3.75.

**ARBORVITAE PYRAMIDAL.** Darker green, denser foliage and more slender of shape, 2 to 3 feet, \$1.75; 3 to 4 feet, \$2.25; 4 to 5 feet, \$3.00; 5 to 6 feet, \$4.00.

**VIRGINIA RED CEDAR.** 5 to 6 feet, \$3.50.

**IRISH JUNIPER.** Tall, narrow spires of blue-green foliage. Fast growing. 2½ to 3 feet, \$1.50; 3 to 4 feet, \$2.25; 6 to 7 feet, \$4.50.

**RETINOSPORA PLUMOSA.** Graceful plume-like foliage of a pretty green. 3 to 4 feet, \$1.75; 4 to 5 feet, \$2.50.

**RETINOSPORA PLUMOSA AUREA.** Golden tipped. 3 to 4 feet, \$1.75; 4 to 5 feet, \$2.50; 5 to 6 feet, \$3.50.

**RETINOSPORA SQUAROSA (Moss Cypress).** Silvery gray foliage; gives a very soft and pleasing effect. 18 to 24 inches, \$1.50; 2½ to 3 feet, \$3.00.

**AUSTRIAN PINE.** Broad-based, heavily needled, massive; darkest and richest green of the Pines. 3 to 4 feet, \$3.50; 4 to 5 feet, \$5.00.

**SCOTCH PINE.** A quick grower particularly suited for screen, windbreaks and mass planting. 2 to 3 feet, \$2.00; 3 to 4 feet, \$3.00; 4 to 5 feet, \$5.00.

**SPRUCE.** Norway. Rapid grower; fine shape; dark green foliage. Excellent for windbreaks or screen. 18 to 24 inches, \$1.00; 2 to 2½ feet, \$1.25; 2½ to 3 feet, \$1.50; 3 to 4 feet, \$2.00; 4 to 5 feet, \$3.00; 5 to 6 feet, \$4.50; 6 to 7 feet, \$5.50.

**ABIE'S CONCOLOR (White Fir).** A picturesque broad-based, tapering tree; long feathery leaves, with glaucous tinge when young, becoming pale green with age. Branches in horizontal whorls. 2 to 3 feet, \$2.00; 3 to 4 feet, \$3.00.

**SPRUCE.** Colorado Blue. 18 to 24 inches, \$1.75; 2 to 2½ feet, \$2.50; 2½ to 3 feet, \$3.75; 3 to 3½ feet, \$5.00.

**SPRUCE.** Koster Blue. 15 to 18 inches, \$2.50; 18 to 24 inches, \$3.50; 2 to 2½ feet, \$4.25; 2½ to 3 feet, \$5.50.

**HEMLOCK.** Best evergreen for the shade. Will stand close shearing and makes a good hedge. 18 to 24 inches, \$1.75; 2 to 3 feet, \$2.50; 3 to 4 feet, \$3.50; 4 to 5 feet, \$4.50; 5 to 6 feet, \$6.25.



Irish Juniper



Juniperus Pfitzeriana

## STRONG TWO-YEAR-OLD FIELD GROWN ROSES

**IMPORTANT.** After April 30th it is inadvisable to move budded roses unless potted. This is because they will have started growth at that time and due to their large roots cannot be moved safely while growing. Because of this, after April 30th we will supply 2-year-old budded roses that were potted last November and which will be growing strongly when delivered. Handed in this manner they will go on growing and blooming undisturbed. It will be well worth while to spend a little extra on these fine potted plants if you have delayed ordering too long.



### SIX NEW EVERBLOOMING VARIETIES. 75 cts. each, \$4.00 for the 6

**AMI QUINARD.** Velvety crimson-maroon with soft black lustre. Does not fade. The petals become darker as the bloom ages.

**CALADONIA.** A fine new variety. Large, long pointed buds with a high center; very fragrant white flowers.

**CONDESA DE SASTAGO.** A striking color combination of golden yellow and coppery pink. Both in bud and full flower it is a perfect beauty.

**GOLDEN DAWN.** Well formed, sweet scented, large, double, Sunflower yellow.

**HILDA.** Color resembles Betty Uprichard, but the flower is much larger with many more petals. Two tone pink. Plants are very vigorous; blooms most floriferous.

**SOEUR THERESE.** (Sister Therese.) Yellow. The long tapering buds are chrome-yellow heavily marked with carmine. When open the flower is a deep yellow, sweetly scented and held on excellent cutting stems. Universally accepted as one of the best of the newer roses.

### STANDARD VARIETIES EVERBLOOMING HARDY HYBRID TEA ROSES

Good Strong Two-Year-Old Dormant Plants Until April 30th—60 cts. each; \$5.50 for 10

Potted Plants After April 30th—80 cts. each; \$7.50 for 10

We Ship Potted Plants in Paper Pots by Parcel Post or Express. Express or Parcel Post Charges Extra  
We Cannot Ship Roses C. O. D.

**BETTY UPRICHARD.** Copper red buds, with orange-carmine.

**BRIARCLIFF.** Fine, handsome flowers of silvery rose-pink.

**CHARLES K. DOUGLAS.** Bright crimson-scarlet.

**CHARLES P. KILHAM.** Brilliant orange, suffused with golden scarlet; vigorous, bushy, upright.

**COLUMBIA.** Lively bright pink. Sweet scented.

**DUCHESS OF WELLINGTON.** Enormous, tapering buds of golden orange, slowly opening to very large saffron-colored, sweetly fragrant.

**EDITH NELLIE PERKINS.** Salmon pink, flushed orange.

**EDITOR McFARLAND.** Solid glowing pink, suffused yellow.

**E. G. HILL.** Dazzling red, very fine cutflower.

**ETOILE DE HOLLAND.** Velvety crimson-rose, of good size.

**FRAU KARL DRUSCHKI.** Beautiful, large, pure white.

**GRENOBLE.** Scarlet crimson. One of the most vigorous growing crimson roses. Blooms continuously on long stems.

**JOANNA HILL.** Deep creamy yellow, fine cutflower.

**KAISERINE AUGUSTUS VICTORIA.** Soft pearly white, opening to a large very double white.

**LADY ASHTOWN.** Soft pink, large, free-blooming and vigorous.

**MARGARET MCGREDDY.** Orange-scarlet. One of the most satisfactory garden roses in existence; very strong grower.

**MEVROUW G. A. VAN ROSSEM.** Glowing apricot, overlaid yellow.

**MME. BUTTERFLY.** Pink and gold, exquisite buds.

**MRS. ERSKINE PEMBROKE THOM.** Long pointed yellow buds, well shaped blooms of clear canary yellow.

**MRS. HENRY BOWLES.** A splendid, large, well-formed, high-centered, very fragrant flower of an intense brilliant or warm shade of pink with salmon shadings.

**MRS. PIERRE S. DuPONT.** Medium-sized, long, pointed buds of a reddish gold opening to semi-double, cupped, very lasting, fragrant flowers of a deep golden yellow.

**OPHELIA.** Creamy white pale pink, with golden yellow base.

**PR. HERBERT HOOVER.** A lovely blend of orange and pink.

**RADIANCE.** Brilliant rose-pink.

**RED RADIANCE.** Deep rose-red.

**SYRACUSE.** Large, double, crimson-scarlet flowers.

**SOUV. DE CL PERNET.** Fadeless yellow-rose.

**SOUV. DE GEORGE PERNET.** Oriental red; beautiful.

**SOUV. DE MME. CHAMBARD.** Large long pointed coral buds, opening to a satiny peach, very fragrant.

**TALISMAN.** Gold, apricot-yellow, deep pink and old rose.

**VILLE DE PARIS.** An outstanding rich buttercup yellow which holds its color well under the most adverse weather conditions.

**WILLOWMERE.** Brilliant pink flowers, suffused golden.

### CLIMBING ROSES

60 cts. each; \$5.50 for 10

**AMERICAN BEAUTY.** Brilliant carmine flowers of especially fine form and rich perfume.

**DR. W. VAN FLEET.** Pale pink buds and flowers equal in form and size to the finest Hybrid Teas, borne on lone, individual stems.

**EMILY GRAY.** Beautiful pale orange yellow. Long pointed buds.

**JACOTTE.** A deep orangy yellow, tinted coppery red.

**MARY WALLACE.** Long buds and charming flowers of brilliant warm pink.

**PAULS SCARLET.** Clear vivid scarlet.

**SCORCHER.** Very vigorous climber healthy foliage. Blooms scorching red in color, produced in great quantities in the spring and casually after.

**SILVER MOON.** In June this rose is a dream of beauty, with its myriad long pointed buds of pale yellow and lovely semi-double flowers of pure white.



(See Page 74)

### NEW EVER-BLOOMING PATENTED ROSES

**COUNTESS VANDAL.** Coppery bronze, suffused with old gold. \$1.00 each.

**BETTER TIMES.** Large, double brilliant cerise. \$1.25 each.

**SOUVENIR.** Deep, rich golden yellow. \$1.00 each.

**GLOAMING.** Pink, overlaid with salmon. \$1.25 each.

**CARILLON.** Orange scarlet. \$1.00 each.

**SIGNORA.** Long buds of burnt sienna (reddish brown) opening to a lighter hue. \$1.50 each.

**MATADOR.** A large full well-formed rose, scarlet crimson with darker silky sheen on the reverse, very perfumed. Grows vigorously. \$1.25 each.

### PATENTED CLIMBERS

**BLAZE.** The hardy scarlet. \$1.00 each.

**NEWDAWN.** The everblooming Dr. Van Fleet. \$1.50 each.

**DOUBLOONS.** Clusters of very large cup-formed, saffron yellow blooms, opening one after the other, thus prolonging the flowering season. Has a tendency to repeat in midsummer. \$1.50 each.

# Bolgiano's Magnificent Gladioli

Plant groups of Gladioli Bulbs every two weeks from April 15 until July 1, and you will have bright masses of color all summer Plant the bulbs 4 to 6 inches deep and 6 inches apart.

**BLOOMING DATES**—(E) Very early, (EM) Early Midseason, (M) Midseason, (LM) Late Midseason, (L) Late to very late.

Postage Paid to First, Second and Third Zones

ALL NO. 1 FIRST SIZE BULBS

TEN SUPERFINE GLADIOLUS

Two of Each for \$1.00, Postpaid

**AFLAME (E).** A begonia rose shading to bright orange flame near the edge. Back of petals even brighter than the front. Very large, 6 inches or more across, 6-8 open at a time. A wonderful variety either for garden or exhibition.

**BAGDAD (LM).** Smoky old rose somewhat darker toward the edge and with a lighter throat. Immense blooms—6 to 8 open at one time. As an exhibition variety it cannot be surpassed.

**BETTY NUTHALL (VL).** A sparkling, iridescent orange-pink deepening to coral on the petal reverse. Golden orange, throat lined carmine-rose. Enormous flowers often 6 inches across.

**CARMEN SYLVA (M).** This occupies a universal place as the best pure white gladioli. The flowers are extra large. They are well placed on a tall slender stem.

**GLORIANA (M).** Golden salmon, clear yellow throat. Very tall. Beautiful color and grows wonderfully well. Don't fail to try this one as it is a rare beauty.

**GOLDEN DREAM (L).** Clear deep yellow. No markings. Several blooms open. One of the best yellows.

**HALLEY (E).** Deep pink. Very beautiful and one of the earliest of all. In fact it is the second to bloom.

**MAID OF ORLEANS (EM).** Beautiful milky white with light cream throat. Stands tall and straight. Has 7 to 8 well-placed blooms open at once.

**MINUET (LM).** Wonderfully beautiful clear light pinkish lavender; 5-6 and sometimes 7-9 heavily textured blooms open at once.

**MRS. P. W. SISSON (LM).** Cameo pink. Immense flowers, delicate creamy pink to throat. Perfectly placed blooms on tall, willowy shafts with many open at one time. A show winner of delightful charm.

**PRICES, ALL THE ABOVE, 8 CTS. EACH; 3 FOR 20 CTS.; 6 FOR 35 CTS.; 12 FOR 60 CTS.; \$4.00 PER 100.**

**PICARDY—THE MOST OUTSTANDING GLADIOLI TO DATE.** A sensation wherever shown since its introduction, winning awards at practically all domestic and foreign exhibitions. Color, soft apricot pink with silvery sheen, featherings of slightly deeper color in throat. Usually 7-8 open with as many as 12-13. Blooms have been grown up to nearly 7 inches across. A wonderful strong grower. No garden is complete without Picardy. If you have not seen this variety you have no idea how beautiful a glad can be. 10 cts. each; 3 for 25 cts.; 6 for 40 cts.; 70 cts. per doz.

## BEST STANDARD VARIETIES

**ALICE TIPLADY (M).** A lovely blend of salmon-apricot and orange.

**DR. F. E. BENNETT (E).** A vivid fiery scarlet, so bright one cannot imagine anything more brilliant. Throat finely stippled ruby and white. Tall, heavy spikes closely set with large massive blooms.

**EVELYN KIRTLAND (LM).** Vivid rose-pink shading to pale pink. Lower petals blotched brilliant scarlet. An unusually beautiful variety.

**FLAMING SWORD (E).** The well-known red. Produces well on tall spikes. Flowers very early.

**GIANT NYMPH (EM).** Very large light salmon rose with creamy yellow throat. Large wide open flowers. Tall spike.

**HELGA (E).** Clear shade of salmon rose. Large flowers. Cream throat. Straight spike.

**LOS ANGELES (E).** Lovely peach colored blooms opening on tall, rugged spikes. A real beauty.

**NANCY HANKS (EM).** Apricot shading to orange pink. Heavy red penciling on the lip. Several large well placed blooms. Open. Very showy.

**WILBRINK (E).** One of the earliest; very delicate lilac pink, with deeper lilac marking on throat. A good grower.

**PRICES, ALL THE ABOVE, 5 CTS. EACH; 50 CTS. DOZ.; \$3.25 PER 100.**

## CAPITOL CITY MIXTURE

In our Capitol City Mixture which contains most all of the above varieties, we have also included a large number of other varieties of Gladioli and have produced a mixture which can not fail to satisfy. The color range is very wide and is composed of large flowered varieties. 5 CTS. EACH; 40 CTS. DOZ.; \$2.75 PER 100.

## Tube Roses

**EXCELSIOR DOUBLE PEARL—LARGE BULBS.** Delightfully fragrant white flowers. Plant in the garden as soon as all danger from frost is past. 10 cts. each; 6 for 40 cts.; 60 cts. per doz., postpaid. 5 cts. each; 50 cts. per doz.; 25 for 95 cts.; \$3.50 per 100, not postpaid.

## Cinnamon Vines

A hardy climber which grows very rapidly. The foliage is bright green in color and the white flowers are cinnamon-scented. 10 cts. each; 6 for 50 cts.; 12 for 90 cts., postpaid.

## Maderia Vines

A very quick-growing vine, bearing graceful feathery white flowers of a delightful fragrance. 10 cts. each; 6 for 50 cts.; 12 for 90 cts., postpaid.



Gladioli

## Calladium (ELEPHANT EARS)

Wonderful plants for lawns, borders or backgrounds. They will grow in any garden soil and are no trouble at all. To obtain the maximum growth they should be planted in rich soil where they will get plenty of water. A full-size plant will stand six feet high and bear immense leaves three to four feet long by twenty-seven inches wide. They should not be planted outdoors until May 1, but to get them into early growth they can be started in pots in the house.

**MAMMOTH BULBS.** .25 cts. each; \$2.50 doz.

**LARGE BULBS.** 15 cts. each; \$1.50 doz.

Add 5 cents each for postage, or 25 cts. per doz.



Calladium or Elephant Ears

PRICES  
POSTPAID

# BOLGIANO'S DAHLIAS

PRICES  
POSTPAID

The Dahlia is one of the easiest flowers to grow and will thrive most anywhere, but it will respond wonderfully to care. The roots need a pliable or loose soil to give their best results. The bed can be prepared as early in the spring as practical and some well-rotted manure worked into it and left until planting time, about May 1st.

The roots should be planted at least five inches deep, then a top dressing of sheep manure may be applied at the rate of 50 lbs. to 200 sq. ft. Dahlias are great feeders and also need plenty of water during the growing season.

ABBREVIATIONS: F. D., Formal Decorative; I. D., Informal Decorative; S. C., Semi-Cactus.

Our Annual Dahlia Show gives us a good opportunity of ascertaining what varieties appeal most to dahlia lovers. With the large assortment on display, including many of the newer varieties and from the orders placed by visitors to the show, we have a good indicator as to what will please the average dahlia grower. Our list includes the varieties that have found greatest favor.

## The Decorative Flowered Varieties

In these, the flowers are full to the center. They are thick but not ball-shaped. The tips may be straight or turned down, and in some varieties the margins are slightly rolled back.

## The Cactus Flowered Varieties

These have petals which are typically quilled. This makes them highly artistic in appearance because of their unconventional forms.



Baby Royal Dahlias

## OLD FAVORITES AND NEW

**AMBER KING (F. D.).** Self color amber, outstanding. Flowers of fine form and good size. Sturdy grower and good bloomer. Insect-resisting foliage. First year introduction. \$2.00 each.

**AMUN RA, "THE SUN GOD" (F. D.).** A popular cut flower dahlia of gigantic size. Many times a prize winner. A large basket of this beautiful flower attracted much favorable comment at our dahlia show. In color, a blending of copper and bronze with orange and gold tints. 25 cts. each; 3 for 70 cts.

**ATLANTIC CITY (F. D.).** Rich golden autumn shades of amber gold, orange, salmon and bronze, beautifully blended. 35 cts. each, 3 for \$1.00.

**AVALON (I. D.).** Clear canary-yellow; distinct and pleasing. Large flower of fine form. 25 cts. each, 3 for 70 cts.

**BABY ROYAL (S. C. Miniature).** A gold medal winner. A beautiful combination of salmon and apricot. One of the prettiest small dahlias. 35 cts. each; 3 for \$1.00.

**BARBARA KEELY (I. D.).** A pure white flower of large size and lovely form; stiff stems; profuse bloomer. This year's introduction. \$1.00 each.

**BROCKTON BEAUTY (F. D.).** (See cut on next page.) Very large flowers of pinkish lavender shading to creamy white at center. A real beauty. 35 cts. each; 3 for \$1.00.

**CALIFORNIA IDOL (I. D.).** A newer variety that has made a winning record. Large deep blooms with high center. Clear canary-yellow. A real beauty. \$2.00 each.

**CLARA BARTON (I. D.)** Beautiful large flowers of lavender, held high on perfect stems. A most satisfactory dahlia with high scoring. 75 cts. each.

When the plants are 18 in. high, tie them to stakes for support, using soft tape or raffia, as ordinary string will cut. When the buds appear, each main bud will have from two to four side buds which should be pinched off, as they are usually inferior and take strength from the main flower.

In making up this list of dahlias we selected those which we have found to be the best among the good varieties within reach of the average gardener's pocketbook. Size, form, color, keeping qualities and the length and strength of the stems have all been factors in the selection.

**CLARA CARDER (I. D.).** A very large bloom of soft pink with a trace of yellow at the base of each petal. A beauty of Honor Roll distinction. \$2.00 each.

**DWIGHT W. MORROW (I. D.).** Rich crimson red, of very beautiful form; a good size; very popular. 75 cts. each.

**EVA QUADLING (I. D.).** Huge blooms of rich red, on good stems. A favorite at our last show. 50 cts. each; 3 for \$1.25.

**FRANCIS LAROCO (I. D.)** A well-bushed plant, covered with flowers until frost. Flowers 6 to 8 inches, of clear crystalline canary yellow. A most dependable yellow, valuable for garden, exhibition, and a commercial cut flower. 25 cts. each; 3 for 70 cts.

**FLUFFY RUFFLES (I. D.).** An unusual and artistic dahlia, with huge blooms of soft apricot. A profuse bloomer and a sturdy grower. 75 cts.

**GRAF ZEPPELIN (F. D.).** Pure crystalline white. Large blooms of perfect form. One of the best whites. 50 cts. each; 3 for \$1.25.

**HAWAIIAN NIGHTS (I. D.).** Intense scarlet with orange suffusion; gold-reverse. 35 cts. each; 3 for \$1.00.

**JANE COWL (I. D.).** Deep, massive blooms of a bronzy buff and old gold, blending darker toward the perfect center. A stem of unusual strength holds this giant Decorative over a plant of ideal growth, while the foliage is the thick leathery kind that insects seldom injure. 25 cts. each; 3 for 70 cts.

**JERSEY'S BEACON (F. D.).** A favorite exhibition and garden flower; very large, Chinese scarlet with paler reverse, giving a two-tone effect. Vigorous, insect resisting. 25 cts. each; 3 for 70 cts.

**JERSEY'S BEAUTY (F. D.).** A beautiful rose-pink with silvery sheen. Its stems are very stiff, and although of medium size, it has proved itself one of the favorites of dahlia lovers. It is ideal for cutting and decorating. 25 cts. each; 3 for 70 cts.

**JOSEPHINE G. (I. D. or S. C.).** One of the finest of recent introductions. Color, a pleasing true rose-pink with some petals tipped yellow. A profuse bloomer on excellent stems. Early blooms are semi-cactus, and later ones informal decorative. A sturdy bush, and a favorite flower. 50 cts. each; 3 for \$1.25.

**KENTUCKY (F. D.).** A sport of Jersey's Beauty, with same ideal characteristics. Has the pink of Jersey's Beauty, blended with yellow and gold, tending to salmon pink. Good grower and good for cutting. 25 cts. each; 3 for 70 cts.

**MONMOUTH BEAUTY (F. D.).** Large full flowers of rich orange salmon with lustrous metallic golden sheen. 35 cts. each; 3 for \$1.00.



Fluffy Ruffles

(Dahlias Continued on Next Page)



DAHLIAS—Continued



Brockton Beauty

**KING TUT (I. D.).** An extra large bloom of rich, dark, velvety, glowing crimson burgundy. Of fine formation and closed centers throughout the season. The blooms are of great substance and held high above strong, medium tall bushes, on extra long stiff stems. 25 cts. each; 3 for 70 cts.

**MONMOUTH CHAMPION (F. D.).** A constant prize winner of brilliant orange flame color. Perfect blooms 10 to 12 inches across. 35 cts. each; 3 for \$1.00.

**MRS. I. de VER WARNER (F. D.).** A dahlia of great merit, soft orchid coloring, very large flowers, on long strong stems. A lovely deep mauve pink of perfect form. Strong grower. 25 cts. each; 3 for 70 cts.

**MYRA HOWARD (I. D.).** Pure gold with a glistening rose sheen. One of the best of recent introductions. 50 cts. each; 3 for \$1.25.

**OMAR KHAYYAN (F. D.).** A giant prize winner. Chinese red at base of petals, shading to a bright orange, and tipped lighter. Strong grower good for exhibition and cutting. 50 cts. each; 3 for \$1.25.

**PALO ALTO (S. C.).** A finely formed flower of bright salmon and tan combination. Fine exhibition and good cut flower. 50 cts. each; 3 for \$1.25.

**POLAR SNOW (F. D.).** One of the finest of white dahlias, large, deep and attractive. Introduced at \$50.00. 50 cts. each.

**PRIDE OF STRATFORD (I. D.).** A beautiful flower of two-tone orange variety, with very deep reverse. Large blooms held on long sturdy stems. A vigorous grower and free bloomer. 35 cts. each; 3 for \$1.00.

**SEAL'S CALIFORNIAN (I. D.).** This huge dahlia has a beautiful blending of colors—bright golden yellow at the center, shading lighter toward the outer petals, the tops of which are suffused very lightly with a bronze, rosy pink. This dahlia has won many prizes. 25 cts. each; 3 for 70 cts.

**THOMAS A. EDISON (F. D.).** Rich royal purple blooms of fine formation on good stems. A popular prize winner. 50 cts. each.

**WHITE WONDER (I. D.).** A giant flower of pure white, with twisted and curly petals. Grows 12 to 14 inches across by 7 to 9 inches deep. Leather-like foliage, resistant to insect attack. 35 cts. each; 3 for \$1.00.

**YANKEE KING (F. D.).** A beautiful flower of autumn gold and amber suffusion. A vigorous grower. 50 cts. each; 3 for \$1.25.

**ZOE (Pompon).** Unusual color combination of white and pinkish tan bordering on yellow. Some flowers all white, others varying. Unique. 25 cts. each; 3 for 70 cts.

**MIXED DAHLIAS.** This mixture contains many good varieties and some very fine ones which have become mixed while digging or handling, or from which the labels have been lost. It will prove a "surprise" collection. One of our most popular items. 10 cts. each; \$1.00 doz.

Bolgiano's "Capitol Brand" Grass and Forage Seeds

**Kentucky Blue Grass** (*Poa pratensis*). This grass is not only the best for lawn purposes, but makes the sweetest and most nutritious pasture for all kinds of stock. It is very hardy and is uninjured by cold or dry weather, hot sun or trampling of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other grasses. It will do well on almost any land, but does best on well drained clay land. Sow in the Fall or Spring at the rate of two or three bushels per acre.

**Bermuda Grass** Especially adapted for golf fairways and summer greens in the south where other grasses will not grow. Withstands drought and scorching Summer Sun better than any other variety. Has exceptionally long heavy root system. Covers bare spaces by long overground runners. Dies down completely in winter. Sow it at the rate of 5 to 6 pounds to acre.

**Poa Trivialis** (Rough Stalked Meadow Grass). Recommended for shady places. It is a fine leaved, even turf-forming grass, and used mostly for fine lawns, although it is valuable as a bottom grass in pasture mixtures.

**Red Top or Herds Grass** (*Agrostis vulgaris*). It is a good, permanent grass, standing our climate well, and makes a good pasture when grazed close. Is valuable for low, wet meadows, producing a large return in good hay. When sown alone, use about 12 pounds of the fancy seed per acre. Sow in Spring or Fall.

**Orchard Grass** (*Dactylis glomerata*). Desirable on account of its quick growth and valuable aftermath. It is ready for grazing in spring two weeks sooner than most grasses, and when fed off is again ready for grazing in a week, and will continue green when other grasses are withered by dry weather. It does better if sown with clover, and as it ripens at the same time, the mixed hay is of the best quality. If sown alone, about 28 pounds are required per acre; if sown with clover, half that quantity. Perennial and will last for years.

**Dwarf Essex Rape** It is an annual, bearing a close resemblance in leaf and stalk to Kale, but both leaves and stalks are more numerous in the Rape plant, and of a taller habit of growth. It is a pasture plant which may be eaten off by any kind of live stock. But is pre-eminently fitted to furnish pasture for sheep, cattle and swine. Under favorable conditions Rape is ready for pasturing sheep or cattle within six weeks from the time of sowing.

**Tennessee Cultivated Golden Millet** This variety is extensively used as it is more nutritious in value for feeding. It is sown at the same time and at the same rate per acre as the common Millet. Growers once using the Tennessee Cultivated Millet will never plant any other kind. Grows more vigorous; gives a much larger yield of hay.

**Burt or 90-Day Oats** The earliest, most prolific and surest cropping of Spring Oats; far superior to an ordinary Spring or rust-proof Oats for Spring seeding.

**Virginia Gray Winter or Turf Oats** When sown early, before the middle of March, these Oats will far outyield the ordinary Spring Oats, making a larger crop and heavier grain.

**Timothy** (*Phleum pratense*). The most valuable of all grasses for hay. Sow early in the Spring or Fall, at the rate of 12 pounds per acre. With Clover, 10 pounds Timothy and 6 pounds Clover. A splendid mixture is 8 pounds Timothy, 6 pounds Clover (either Mammoth Clover or Alsike Clover preferred, as they mature at the same time as Timothy), 6 pounds Fancy Red Top, 1/2 bushel Meadow Fescue. Together these will produce most excellent hay, also nutritious and abundant pasture in good loamy clay or low ground soils.



Bolgiano's "Capitol Brand" Timothy Seed

(Clovers and grasses continued on next page)

# Bolgiano's "Capitol Brand" Grass, Clover and Forage Seed

FOR PRICES, SEE PINK SHEET INCLOSED



A Field of Alfalfa Grown from Bolgiano's "Capitol Brand" Alfalfa Seed

**Alfalfa** (*Medicago sativa*). Considered the most valuable of clovers and is capable of resisting droughts. It should be sown alone in thoroughly prepared soil either in the Spring or Fall at the rate of 20 to 25 pounds to the acre. Height, 1 to 3 feet.

**Mammoth, or Sapling** (*Trifolium pratense perenne*). Is similar to Red Clover in appearance of seeds and habits of growth, the difference being larger growth and later maturing. It is often used for hog pastures. As a soil improver to plow under it is considered superior on account of its extra growth. It is a good variety for thin soils or to seed with Timothy, Meadow Fescue, Herd's Grass or Red Top, as it matures about the same time as these grasses. Sow 10 to 12 lbs. to the acre when sown alone. When sown with Timothy use 6 lbs. Sapling Clover and 8 lbs. Timothy to the acre.

**Crimson or Scarlet** (*Trifolium incarnatum*). The Great Nitrogen Gatherer. The best crop for hay, soiling and green manuring; Fall, Winter and Spring pasturing. Crimson Clover furnishes an abundance of nutritive forage at seasons when pastures are dead. Improves poor land, restores to fertility those that have been worn down by excessive cropping. May be planted in the Spring, Summer or Fall. Splendid for reseeding Red Clover that has been Winter killed. Sow 15 pounds to the acre.

**Alsike, or Hybrid** (*Trifolium hybridum*). Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and grazing. It is also the hardiest of clovers, resisting extremes of heat and drought as well as severe cold weather. When sown with other grasses, it forms a quick undergrowth and greatly increases the yield. Sow 8 pounds to the acre.

**Sudan Grass** One of the best hay forage crops, easily cured and is very similar to Timothy in food value. Sow in late Spring at the rate of 20 to 25 pounds to the acre. Should be cut before frost. Can be sown with Soja Beans, 20 pounds Sudan Grass and one bushel Soja Beans to the acre.

**Creeping Bent Grass** Similar to red top and considered as good, if not better, than that variety. Distinctive on account of its compact, rooting stems which hold in the soil in a tenacious way. Of rapid growth, and spreading habit, forming a strong, durable turf. Fine for lawns and putting greens because of its fine texture. If sowing alone use 50 pounds to the acre.

**Sheep Fescue** Lands that are worthless for growing other fine grazing grasses can be made of value by growing sheep fescue, for it will grow on thin, dry, sandy and rocky soils where few grasses will live, and will stand any amount of drought. Does not grow so tall and does not have to be turned so often. Used in the rough on golf courses (14 lbs. to the bushel).

**Red or Creeping Fescue** A creeping rooted variety forming a close and durable turf and particularly suited for dry, sandy soil. Resists drought and thrives on very poor soils, gravelly banks and exposed hillsides. Valuable for shady lawns and for golf courses. Sow 30 pounds to the acre if used alone.

## Bolgiano's Permanent Pasture Mixtures

These mixtures are composed of only the best germinating seeds and are sure to give satisfaction.

**For Uplands.** A special mixture of the best grasses and clovers for establishing a permanent pasture.

**For Lowlands.** A mixture of grasses and clovers adapted for moist or slightly sour lowlands.

**White Clover** (*Trifolium repens*). Some White Clover is usually included in Lawn Grass Mixtures. It makes an excellent turf that stands constant trampling. It is of dwarf habit, spreads rapidly and is very hardy. It is valuable in permanent pastures, being sweet and nutritious. Sow in Spring. In mixtures, 1 or 2 pounds; if alone, 8 or 10 pounds to the acre.

**White Sweet Clover** (*Melilotus alba*). Valuable sort for soiling, ensilage and bees. Grows from 3 to 5 feet high; sown in rich soil, may be cut three times; lasts for years if cut before flowering. Ten pounds to the acre.

**Medium Red, or June** (*Trifolium pratense*). This is regarded the most popular of clovers for hay crops. It makes two crops each year and is usually sown with Orchard Grass and Timothy. Sow in Spring or Fall, and if no other grasses are used, at the rate of 8 to 12 pounds per acre. Use best quality seed only (Bolgiano's Re-cleaned).

**Korean Lespedeza** This popular new type of Clover is coming into large demand. "Korean Lespedeza" makes the best and prettiest of hay, equal to Alfalfa in analysis and feed value. Grows 20-24 in. tall and very thick on good land, producing 2 to 3 tons of hay per acre each year and reseeds itself if cut properly, even with closest grazing. It grows readily in acid soil. It requires no land preparation for sowing; does not cause slobber nor bloat when pastured. Korean makes the best and cheapest midsummer pasture from June through September, is drought resistant and is cut for hay in August when least likely to be lost from wet weather. It may be put in the barn 36 hours after cutting. It permits use of land for small grain crops, increases soil fertility and costs less to get and keep a stand than other important legumes. Sow on small grain from March 1st to April 15th, 12½ pounds per acre.

**Hairy Vetch** (*Vicia villosa*). It is very hardy, is valuable as a Winter cover crop to prevent leaching, and for forage and fertilizing purposes. Sow 50 to 60 pounds to the acre.

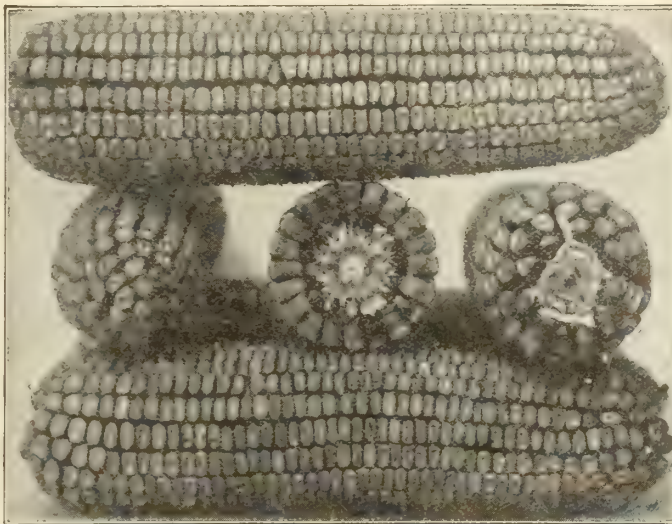
**Perennial Rye Grass** (*Lolium perenne*). A very valuable variety for permanent pasture. Succeeds well on almost any soil, but is particularly adapted to moderately moist or irrigated lands. Sow 30 to 40 pounds per acre in spring.

**Italian Rye Grass** Yields three or four cuttings a year of most nutritious hay; a very valuable grass, particularly adapted for rich, loamy soils or low grounds; does better in damp situations than other grasses. Recommended principally for fall seeding. Sow 30 to 35 pounds to the acre.

# Bolgiano's "Capitol Brand" Field Corn

FOR PRICES, SEE PINK SHEET INCLOSED

**BOLGIANO'S "CAPITOL BRAND" FIELD CORN**, is grown specially for our trade in the best producing sections and will please and make you a sure crop. Our stock is all hand shelled and graded. Only good sound ears are taken from healthy stalks.



Bolgiano's Famous "Capitol Brand" Field Corn

## YELLOW CORN

### Bolgiano's Prosperity

**Corn.** If you really want to grow a bumper crop of beautiful Yellow Dent Corn this year, just take our advice and plant Bolgiano's "Prosperity" Corn. The fine, large, stately ears are 12 to 14 inches long, 8 to 11 inches in circumference and have from 20 to 24 uniform rows of long, large kernels, well developed over tip and butt. It is a luxuriant grower, from 12 to 15 feet high, and if planted during the first half of May will mature before the 20th of September. For more than a score of years "Prosperity Corn" has been under the most watchful breeding and selection.

### Reid's Yellow Dent

This is a splendid Yellow Dent variety with 18 to 24 rows of kernels on an ear. The cob is small and red and the grains are very close together, so there is scarcely any room between the rows. Reid's Yellow Dent has been awarded more prizes at Corn shows than any other variety except "Prosperity." The ears average 8 to 10 inches long. Matures 90 to 100 days.

### White Kaffir Corn

Makes nutritious food for stock and poultry. Kaffir Corn in the last few years has been generally sown with Cow Peas, broadcast, at the rate of a peck of Kaffir Corn to a bushel of Cow Peas per acre.

### Evergreen Broom Corn, Improved

An excellent variety; is a good length, fine, straight and has a green appearance when ripe, and sells at the highest market price. Sow in drills 3 feet apart and thin out to 3 inches. Sow 5 pounds per acre.

## WHITE CORN

### Boone County White (Pedigreed Stock)

A pure white corn on a white cob. Very deep grain, not overly wide. Rows generally 20, sometimes 22 to 24. A perfect shape. That is the striking thing about it—big, long ears, beautiful shape, perfect butts and tips, and deep grains. We believe this to be the best all-around White Corn in existence. It is a heavy yielder; has small cob and produces good-sized fodder, free from barren stalks. Matures in 110 days.

### "Hickory King" White

**Corn** So large are the grains and so small the cob that on an ear broken in half a single grain will almost cover the cob section. Of a strong growth, the stalks take a firm hold in the

ground and stand upright. It yields splendid crops on light soils and is undoubtedly the best and most productive White Field Corn for the South.

### Eureka Ensilage Corn

The very best Silo Corn on the market. For many years we have used great care in the selection of our seed, which will give a large amount of fodder, 3 or 4 long, slender ears of Corn to the stalk. Grows to a height of 15 feet. Can be sown in hills or planted in checked rows. It is a very rapid grower and can be grown throughout the United States with wonderful success. Growers should not miss planting this special variety of ours for their Silo Corn.

### Sorghum

Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield 2 or 3 cuttings a year, stooing out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate, of 1 to 1 1/4 bushels to acre. When sowing in drills, sow at the rate of 1 peck per acre in drills 3 1/2 to 4 feet apart.

# Bolgiano's "Capitol Brand" Cow Peas and Soja Beans

The Soil Improvers—Make Poor Land Rich—A Splendid Hay Crop

### Whippoorwill Cow Peas

An early variety; grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes.

### Black Cow Peas

Seed medium sized and black. Vines trailing. Seed matures early.

### Clay Peas

Seeds medium sized and cream colored. Vines grow tall and erect. Seed matures medium late.

### Black Eye

Vines erect. Seeds medium sized and white; matures medium late.

### Groit

A fine early maturing Cow Pea somewhat resembling New Era in appearance and size of seed, but makes a larger growth. Very highly recommended as an early maturing, large yielding variety.

### Mixed Cow Peas.

We strongly recommend sowing Mixed Cow Peas as a soil improving crop. The upright growing varieties holding up the vining varieties, they will make a much better growth and give more satisfactory results.

### Canada Field Peas

Here is a crop which is not only profitable, but will return to the land the much needed nitrogen. Peas are second only to Clover in their soil enriching properties and can be grown under almost any condition of soil or climate. There is always a ready market for Peas, or they can be profitably ground and fed to the stock. The vines make rich, nutritious hay.

### Mammoth Yellow Soja

The largest growing and most popular Soja Bean for forage purposes, although a little later in maturing than other varieties.

### Tar-Heel or Mammoth Black Soja

Slightly earlier than Mammoth yellow and produces about same amount of forage.

### Wilson Black Soja

Very small seed, matures in about ninety days, can be grown in the Northern States where an early variety is desired.

### Virginia Soja Beans

About twenty days earlier than the Mammoth Yellow. The vines make a fine growth, are filled with pods, stand about 3 feet high, are easy to cut and easy to cure.

### Japanese Buckwheat

It has the advantage of remaining for some time in bloom and produces seed earlier. It resists drought and blight very well. Sow 1 bushel per acre.

See Inclosed Pink Sheet for Latest Prices on All Field Seeds

# Bolgiano's Thoroughbred Baby Chicks

Bred For Constitutional Vigor and Heavy Egg Production  
Strong, Healthy, Lively, Chicks

## Barred Plymouth Rocks

The Barred Plymouth Rock is most widely known as a general purpose fowl, a breed which has proven its value as a market fowl and an egg producer. They are extremely well adapted as a profitable and popular farm and home flock.

We breed for constitutional vigor, thereby maintaining the greatest vitality of the flock to attain as high an egg production as is consistent with retained vitality.

## Rhode Island Reds

As a "business hen" for eggs and meat they are hard to beat. They lay a well-shaped, good-sized brown egg, and mostly uniform in shape, size and color.

The matured feathering of the Rhode Island Red is not as yet uniform in coloring. This is being improved each year, to the great credit of hundreds of our best breeders of America.



We Pay the Postage—first, second and third zones

Variety	25 Chicks	50 Chicks	100 Chicks
S. C. White Leghorns.....	\$3.00	\$5.50	\$10.50
Black Jersey Giants.....	3.50	6.00	11.50
Barred Plymouth Rocks.....	3.00	5.50	10.50
S. C. Rhode Island Reds.....	3.00	5.50	10.50
White Rocks .....	3.00	5.50	10.50

Write for price on larger quantities. Prices decline as season advances.

Be sure when writing us that your full name and postoffice is very plainly given. State plainly the number and variety of chicks you want, when wanted, and we will acknowledge receipt of your order at once, and tell you about when the chicks will be shipped.

Cash must be sent with your order, for we cannot ship C. O. D., by express or parcel post.

We guarantee to deliver 97 per cent of the Baby Chicks to you in good condition.

## Single Comb White Leghorns

The ever-increasing demand for Leghorn eggs in the New York market has led observing poultrymen and farmers to look to the White Leghorn, generally known as "America's Business Hen," for highly profitable results.

FIVE TIMES AS EFFECTIVE AS WORM REMEDIES GIVEN IN FOOD OR DRINK

Why? It is INSOLUBLE and therefore carries through to the gizzard. In the gizzard it is ground up, pouring the correct dose in full strength directly into the intestines upon the worms. No starving birds to force eating of bad tasting food. Gets all three kinds of worms.

The most efficient worm remedy yet devised. Quickly and easily given. Used and recommended by many Agricultural Colleges, Experiment Stations, County Agents and leading poultry raisers.

LEE'S Gizzard Capsules, Adult—50-cap. pkg., 75 cts.; 100-cap. pkg., \$1.25.

LEE'S Gizzard Capsules, Pullet—50-cap. pkg., 50 cts.; 100-cap. pkg., \$1.00.

LEE'S Gizzard Capsules, Chick—50-cap. pkg., 40 cts.; 100-cap. pkg., 75c.



A Triple Combination Worm Medicine containing Kamala (for Tape Worms), Nicotine Sulphate (for Round Worms), and Pyrethrum (for Pin Worms)—all in an INSOLUBLE Capsule.

"BLACK LEAF" WORM POWDER

¼ lb.—treats 100 birds.....	\$ .75
1½ lbs.—treats 600 birds.....	2.90
3 lbs.—treats 1200 birds.....	5.60

"BLACK LEAF" WORM PELLETS

100—treats 100 birds.....	\$ .85
500—treats 500 birds.....	3.50
1000—treats 1000 birds.....	6.50

"Black Leaf" Worm Powder and "Black Leaf" Worm Pellets are offered as fitting companions to "Black Leaf 40" which revolutionized the control of poultry lice by the "Roost Paint" method of flock treatment.

Now with "Black Leaf" Worm Powder, flock worming may be accomplished as easily as is flock delousing with "Black Leaf 40."

## Bourbon Poultry Medicine

Is a valuable medicine and system regulator for all fowls and birds. A few drops daily in the drinking water helps to ward off disease and puts hens in fine condition for heavy egg laying. Especially beneficial during moulting season.

It acts through the blood as a tonic and conditioner. Aids digestion, improves the appetite, clears the system of food poisons, builds strength and vitality.

Keep your fowls and birds healthy and they will grow faster and lay more eggs. A great aid in starting baby chicks.

### Prices

Small size .....	\$.60	Quart .....	\$2.25
Half Pint .....	\$1.00	Half Gallon .....	\$3.50
Pint .....	\$1.50	One Gallon .....	\$6.00

### BOURBON DIP AND DISINFECTANT

1 qt.....	.50 cts.	gal.....	\$1.45
Pine Oil Disinfectant.....		\$2.25 a gallon	

## Pik-Rem

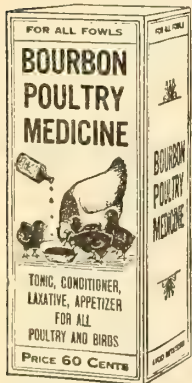
An Anti-pick Preparation for Poultry

This product is prepared from material which gives it unusual adhesive properties. It sticks permanently, and the taste and odor is repulsive to chicks and adult birds. It stops cannibalism and toe-picking.

PIK-REM mixes with blood and for this reason it is superior to the greasy preparations which are often times offered. It is antiseptic so that it heals the wound.

4-oz. jar—50c

9-oz. jar—\$1.00



PARCEL POST CHARGES EXTRA AND MUST BE INCLUDED IN YOUR REMITTANCE

**PRATTS Quality Poultry Feeds and Remedies**



The original baby food for chicks. Available either in the new "Crop-Solid" Pellet form which digests Nature's Way or in mash form. Gives chicks a "flying" start.

Ingredients: Dried buttermilk, alfalfa leaf meal, oat meal, cooked wheat, ground wheat, soy bean oil meal, corn oil meal, meat scrap, corn meal, wheat middlings, rape, millet, epsom salt, bone meal, calcium carbonate 1 1/4%, calcium phosphate 3/4 of 1%, iodized salt 1/2 of 1%, vitamin tested cod liver oil.

Price, 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. \$1.10; 50 lbs. \$1.75; 100 lbs. \$3.15.

**PRATTS BUTTERMILK GROWING MASH**

Keep young birds growing every

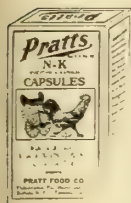
minute. Fills them out and develops egg organs properly for heavy production.

Ingredients: Dried buttermilk, oat meal, meat scrap, fish meal, corn meal, alfalfa meal, wheat bran and wheat middlings, bone meal, calcium carbonate 2%, calcium phosphate 1%, iodized salt 1/2 of 1%, vitamin tested cod liver oil.

Price, 25 lbs. 90 cts.; 50 lbs. \$1.50; 100 lbs. \$2.75

PRICES ON FEED SUBJECT TO CHANGE

Play safe! A sick bird needs quick relief. Pratt products are famous for their dependability. Avoid questionable substitutes!



- Powdered Lice Killer..... 30c
- Powdered Lice Killer..... 60c
- R-P Tablets..... 25c, 50c
- Pik-No-Mor..... 2 oz. 25c; 5 oz. 50c
- Poultry Inhalant..... pt. 60c, qt. \$1.00
- Poultry Worm Powder..... 75c
- Hog Powder, weight 3 lbs..... 50c
- Cow Tonic, weight 1 1/2 lbs..... 50c
- Chick Tablets..... 30c, 60c
- Animal Regulator..... pkg. 25c, 3 lbs. 50c, 7 lbs. \$1.00

**DON'T GO BROKE FEEDING WORMS!**

No matter how good the feed, wormy hens can't lay. Young birds are stunted. Proper development is impossible. That's because worms absorb the nourishment instead of the birds.

One "Split-Action" N-K Capsule does the work of two ordinary worm treatments. Releases two different drugs—nicotine and Kamala . . . into the intestines separately and hours apart. One "N-K" treats large tape, large round and pin worms at one small cost.

For Adult Fowls, 50 caps., 85 cts.; 100 cap., \$1.50; 500 caps., \$5.50; 1,000 caps., \$10.00. For Pullets, 50 caps., 55 cts.; 100 caps., \$1.00; 500 caps., \$3.75; 1,000 caps., \$6.50.

**MORE EGGS IN 15 DAYS OR NO PAY!**

Add Pratts Poultry Regulator to the mash as directed. If extra eggs don't start coming by the 15th day, return the empty package and we will refund your money. Pratts Regulator is also great for growing, molting and poorly conditioned birds.



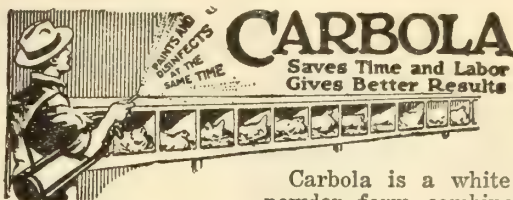
Pkgs., 1 1/2 lbs., 25 cts.; 4 lbs., 55 cts.; 12 lbs., \$1.60; 25-lb. buck. \$2.88.

**KILLS LICE UNDER ALL HEN HOUSE CONDITIONS**

Whether birds stand or sit on the roost . . . lice may or may not be present . . . Pratts Roost Paint releases a steady flow of nicotine fumes at a fixed lice killing rate. No matter what the hen house conditions, painting the roost with Pratts Roost Paint gets the lice without handling a bird. 100% active instead of 40% as is nicotine sulphate



40%. Free brush with every can.  
1/2 pt., 85 cts.; pt., \$1.50; qt., \$2.25; gal., \$7.00  
**PRATTS ANIMAL REGULATOR**, pkg., 25 cts.; 3 lbs., 50 cts.; 7 lbs., \$1.00.  
**PRATTS DIP AND DISINFECTANT**, 1 qt., 50 cts.; 1 gal., \$1.45. Also in 5 gals., \$6.50.



Carbola is a white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. It helps prevent the start and spread of contagious diseases that affect man, beast and fowl. It dries a clear snow white. It saves labor, time and money. It paints and disinfects at one operation in the same time and with the same labor required to paint or disinfect only.

Carbola is recommended for use instead of whitewash in every place where whitewash ordinarily is used, and it is recommended for use instead of whitewash and disinfectants in stables, kennels, poultry houses, rabbit hutches, barns, creameries, hog pens, dairy buildings.

It is recommended for use as a disinfectant wherever one is needed and where the added light that comes from a whitened wall—which walls increase the light from 25 per cent to 50 per cent—is an advantage. 5 lbs., 60 cts.; 10 lbs. 98 cts.; 25 lbs., \$1.90; 50 lbs., \$3.50.

**Hylite**

**A Permanent Washable Casein Paint**

Specialty Made for Insulating Board, Wall Board, Wood, Plaster, Gypsum Board, Brick, Stone, Cement

For All Buildings. Used in private homes, schools, churches, offices, factories, bakeries, laundries, garages, etc. Five pounds retailing for \$1.00 increases in volume to 1 1/4 gallons of paint. Can be applied with a 10-inch brush or spray, giving a beautiful finish to all surfaces at low cost. Put up in 5-lb. and 50-lb. packages, \$6.50.

**Carbolineum**

**A Practical Fungicide and Vermicide**

Kills chicken mites or fowl ticks (Blue Bugs) in poultry houses. Applied once a year will do the work. Special care should be taken to saturate all cracks, crevices and joints of wood. It will work in sprayer in warm weather if strained. \$1.75 gallon.



**Liquid**

- 4 oz. Bottle.....\$ .30
- 10 oz. Bottle.....\$ .50
- 1 qt. Bottle.....\$ .90
- 1 gal. ....\$2.00
- 5 gal. ....\$8.50

A preventive disinfectant for houses and drinking water to keep your flocks healthy.

Stop diseases if infection is brought in.

A deodorant to keep brooders, incubators, birds and premises clean and sanitary.

B.K. Powder, 9 1/2-oz. bottle, 75 cts.; 1 3/4-lb. bottle, \$1.50.

**Germozone**

Three times a week add Germozone to the drinking water as a safeguard against White Diarrhea, Coccidiosis, poisoning, digestive disorders and disease germs. It keeps the crop pure and sweet—a real life-saver for chicks. Just as valuable for half-grown and mature fowls.

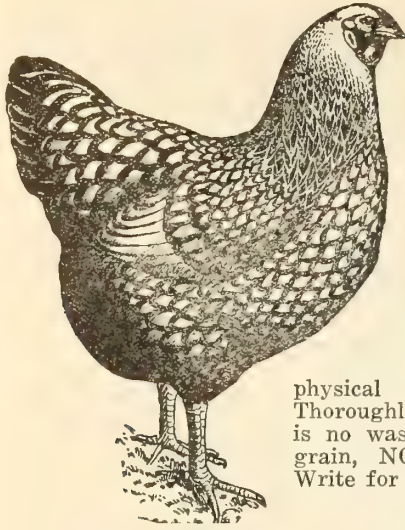
Germozone is the best remedy and preventive we know of—has been for over thirty years. That's why it is so widely imitated. (Liquid)—4-oz. bottle, 40 cts.; 12-oz. bottle, 75 cts.; 32-oz. bottle, \$1.50; 1/2-gal. bottle, \$2.50; 1-gal. bottle, \$4.50.



COD LIVER OIL FOR POULTRY..... gal. \$1.75

**Walko Tablets**

For the drinking water for baby chicks, turkeys, ducks or geese. Also for older fowls. 50 cts. and \$1.00 Pkgs.



## Good Luck Scratch Feed

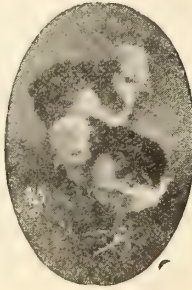
STANDARD  
HEN FOOD

For every day in the year. Made from a variety of sound, sweet grains and seeds (including wheat, corn, barley, kaffir, milo maize, sunflower seeds, etc.) properly balanced to keep hens in perfect physical and laying condition. Thoroughly cleaned so that there is no waste, no burnt or smutty grain, **NO GRIT OR SHELLS**. Write for prices.

## Good Luck Baby Chick Feed

SAVES LITTLE CHICKS

Composed of choice grains and seeds—carefully selected—perfectly granulated to precisely the right degree for the youngsters, and screened clean of all fine stuff. This makes a perfectly balanced ration for healthy, hearty and rapid chick development, as well as digestive results. Avoid feeding table scraps to young chickens. In using **BOLGIANO'S BABY CHICK FEED** according to directions you will never lose a chick from feeding cause. **NO GRIT**. Write for prices.



## Alfalfa Meal

This is a green feed all the year round. Everyone knows that alfalfa is fast supplanting clover. It is very high in protein, and furnishes the chicks a growing food which, at the same time, has a medicinal value. Its value as a helpful egg food is unquestioned.

No mash is complete without it. Aside from food value, it has high medicinal properties. 95 per cent pure clover. 5 lbs., 20 cts.; 10 lbs., 30 cts.; 100 lbs., \$1.85.

## Rolled Oats

Excellent starting and growing food for chicks. 6 cts. lb.; 100-lb. bag, \$4.00.

## Sunflower

A good, rich food for all kinds of poultry; especially necessary during molting period. 10 cts. per lb.

## Hemp Seed

Wholesome and well liked by pigeons and parrots. 10 cts. per lb.

## Bird Rape—Canary

These two make a good balanced ration for canaries. 15 cts. per lb.

## Canada Peas

The best pigeon food; also good to sow for hay or plowing under as green manure. 10 cts. per lb.

## Pigeon Feed

This is the best mixture of good, sound grain we have ever seen, and is the result of many years' experience. Forms a balanced ration that will make pigeons grow and keep them healthy. 5 lbs., 25 cts.; 10 lbs., 45 cts.; 50 lbs., \$2.00; 100 lbs., \$3.50.

## Crystal Grit

One of the sharpest and hardest grits known. 10 lbs., 20 cts.; 100 lbs., 90 cts.

PRICES ON FEED SUBJECT TO CHANGE

## Good Luck Meat Meal

Our sales amount to something over 50 tons per year. Why is this? We contend that we give more real value in our **MEAT MEAL** than any other firm. It makes chickens lay—it keeps them active and healthy. 1 lb., 5 cts.; 10 lbs., 40 cts.; 100 lbs., \$2.55.

## Poultry Mash Feed

A combination of ground grain, alfalfa meal, meat meal and everything necessary for producing a large egg yield. Mix with hot water and it is ready to serve. 10 lbs., 40 cts.; 100 lbs., \$2.50.

## Crushed Oyster Shells

Important as an eggshell maker and promoter of health. Our shell is clean and free from waste. No. 3 for chicks. No. 2 for adults. 10 lbs., 20 cts.; 100 lbs., 90 cts.

## Charcoal

Aids digestion and promotes health of chicks to a wonderful extent. No poultryman can afford to be without it. Specially prepared and guaranteed pure. Grade "3X" medium chick size, and grade "4X" coarse granulated. 2 lbs., 15 cts.; 5 lbs., 30 cts.; 10 lbs., 50 cts.; 50 lbs., \$1.35.

## Cracked Bone for Poultry

This article is manufactured from fresh, clean bones, and is perfectly pure and sweet. No chemicals whatever are applied to them in the course of manufacture. Should be fed to the poultry daily, like grain or any other feed. An excellent bone and egg producer, keeping the fowls strong on their legs and largely increasing their laying qualities. Especially valuable for young and growing chicks. 5 lbs., 30 cts.; 10 lbs., 50 cts.; 100-lb. sack, \$3.00.

## Kaffir Corn

A splendid substitute for wheat and just the right size to feed without cracking, very palatable and a producer of healthy hens. 6 cts. per lb.

## Steel Cut Oats

Unexcelled for baby and growing chicks. One of the best ingredients of any food used just after the chick starter. Fattening and a promoter of vigorous growth. 1 lb., 5 cts.; 100 lbs., \$4.00.

## Dried Buttermilk

Buttermilk has become one of the most popular additions to the feed list. When mixed with mash it adds a zest which the hens appreciate and eat much more than formerly. This increased consumption pays the farmer large profits in increased egg production.

Do not fail to have an ample supply of Dried Buttermilk on hand throughout the feeding season. Dried Buttermilk is not injured by freezing and will keep indefinitely. Be sure you get Dried Buttermilk when you order, as in all other forms over two-thirds of what you pay for is pure water, which adds unnecessary bulk and costs you more freight.

Our Dried Buttermilk contains over three times as much food value as buttermilk in any other form and costs about one-third less per pound of actual food content. 1-lb., 15 cts.; 5 lbs., 60 cts.; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$5.00; 100 lbs., \$9.50

## "Good Luck" Poultry Litter

A PEAT  
PRODUCT

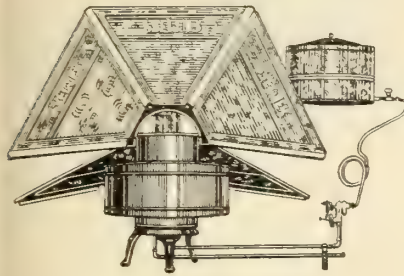


"Good Luck" Poultry Litter is practically fireproof for use in poultry houses, brooders, coops, scratching pens, etc. It is an absorbent, a deodorizer, a disinfectant, a scratching litter, and a dust bath all in one. To say nothing of its exceptional value as a fertilizer when finally removed.

Small bale sufficient to cover 10 sq. ft. 2 inches deep (enough for the ordinary brooder). 89 cts. Large bale, \$3.00. Covering capacity, 80 sq. ft. 3 inches deep.

ADD POSTAGE FOR YOUR ZONE

# OIL BROODER



No. 924—57" Canopy, 1000 Chick Size, 24x10" Drum, 12x16" Combustion Chamber, 8 gal. Fuel Capacity. Shipping weight 75 lbs. \$15.50.

Fire chamber and radiator drum of heavy blued steel. Multiple of holes in fire chamber insures full flame all around burner. Fire chamber sets on cast legs. Double bottom with air passing between. Never gets hot enough to harm chicks. No screen necessary.

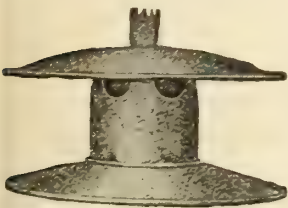
Cast Iron Roto Flame Burner. The burner well allows sufficient oil capacity for forcing flame to full capacity without flooding. Combustion of burner same as used in blast furnaces. Hot white blast flame is spread to walls of fire chamber by flame spreader. Quick starting assured by asbestos and brass woven ring which also provides means for maintaining very low flame during warm days.

Die Cast Regulator Valve. Equipped with minimum and maximum adjustment—glass covered visible drip feed and sediment chamber directly below valve needle. One-piece type, made of white metal which never corrodes nor becomes rusty. Complete with extra-sensitive double brass wafer.

Canopy. Made of heavy galvanized steel—hexagon—57" diameter. Supported on top of fire chamber by heavy cast-iron collar, hinged in center, so half of canopy can be raised for lighting and cleaning.

## New "Premier" Little Gem Oil Brooder

No. 916—30" Canopy—250 Chick Size—13½x15" Drum, Overall Height 22". 4-gal. Tank. Shipping Weight—40 lbs. \$10.50.



Galvanized, each \$4.75

Mailing weight, 5 lbs.

## Brooder Heater

This fire-safe Putnam Brooder-Heater is the heart of the Putnam Home-Made Brooder. It requires tending only once a week and can be relied on to deliver a regular supply of heat. This practical brooder is made of a shoe box approximately 32 inches long, 16 inches wide and 10 inches deep. It will accommodate from 30 to 60

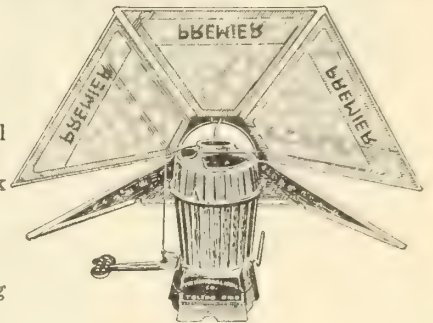
chicks. The entire cost, including the Putnam Brooder Heater need not exceed \$4.96.

# NEW PREMIER

# COAL BURNING BROODER

## New Features

1. Larger Coal Capacity.
2. Wider grates.
3. Straight heavy cast iron fire bowl (no coal clogging).
4. Double Thermostat controlled direct and check draft.
5. Large 9" opening for filling.
6. Patented exterior baffle arm—5" pipe.
7. Extended base (prevents live coals dropping on floor when shaking).



Chicks	No.	Size Canopy	Coal Capacity
1000	6	57"	50 lbs.
Height	Dia. of Grate	Shipping Weight	Price
27"	11"	127 lbs.	\$18.00
Roof Saddle Flange Pipe, 5" with Cap			\$1.50
Revolving Rain Cap, 5"			.50

## A Broiler Plant for Every Need!

### CAPACITY 25 BROILERS EVERY WEEK

The Starting Unit is our regular two-drawer No. B-6502. Height, 36 in. Width, 37 x 38 in. Weight, 130 lbs. Price \$27.20

The Finishing Unit is our standard No. B-420 Growing and Finishing Battery. Specification: Height, 72 in. Width, 35 x 50 in. Weight, 228 lbs. Price \$40.00

### 50 BROILERS PER WEEK

No.	Description	Price
1 No. 6504	Electric Starting Brooder	\$48.80
1 No. 4216	Growing and Finishing Battery	77.50

### 65 BROILERS PER WEEK

1 No. 6504	Electric Starting Brooder	\$48.80
1 No. 520	Growing Battery	60.00
1 No. 5216	Finishing Battery	82.50

### 100 BROILERS PER WEEK

1 No. 6505	Electric Starting Brooder	\$57.80
2 No. 4216	Growing and Finishing Units	155.00

### 125 BROILERS PER WEEK

1 No. 6505	Electric Starting Brooder	\$57.80
1 No. 520	Growing Battery	60.00
2 No. 5216	Finishing Batteries	165.00

### 200 BROILERS PER WEEK

2 No. 6505	Electric Starting Brooders	\$115.60
4 No. 4216	Growing and Finishing Units	310.00

### 250 BROILERS PER WEEK

2 No. 6505	Electric Starting Brooders	\$115.60
2 No. 520	Growing Batteries	120.00
4 No. 5216	Finishing Batteries	330.00

### 300 BROILERS PER WEEK

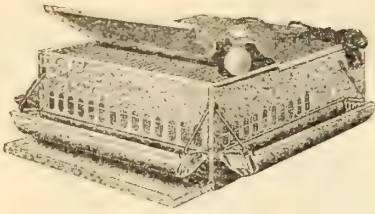
1 No. 2010	Humideck with No. 400 Boiler	\$295.00
6 No. 4216	Growing and Finishing Units	465.00

### 500 BROILERS PER WEEK

1 No. 2020	Humideck with No. 400 Boiler	\$465.00
10 No. 4216	Growing and Finishing Units	775.00

If electricity is not available, use our Oil or Gas Heated Starting Brooders. Not in stock, all F. O. B. Factory.

### Electric All-Metal Brooder



All-metal construction, with removable mesh floor and metal clean-out tray. Very sanitary and easy to clean. Any 60-watt light bulb can be used for heating but the Violet Light Bulb (75c) is recommended. Six feet of cord supplied. 110-volt Dimensions of Brooder: 20x24 inches. Weight, 20 lbs.

- No. 104—Electric Brooder, less bulb, each..... \$4.85
- No. 55—20x20", 50 chicks. Weight, 15 lbs.—less bulb..... \$3.25
- Violet Light Pilot Bulb for above Brooders, extra..... \$75

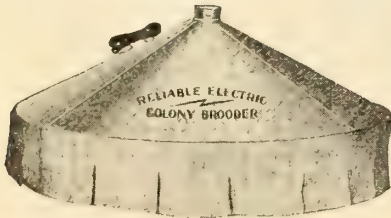
**LIV-AN-GROW BROODERS**—Similar to above, cardboard box. Less bulb, \$2.00. Weight, 6 lbs.

No. R-6501—**ELECTRIC BROODER.** Is built with two compartments, separated by a special heat retaining curtain. The brooding compartment, which house the bar heating element with automatic heat control has solid metal sides to confine the heat. The front section is the exercising compartment, along which the feed and water troughs extend.

Capacity 125 day-old chicks. Drawer size 24x36 in., 9 in. high. Over-all 13½ in. For 110-volt current. Weight, 40 lbs. Price ..... \$9.75

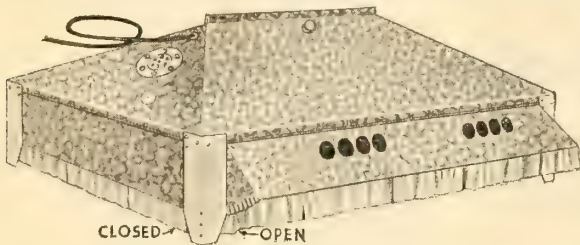
### Electric Colony Brooders

**QUICK HEAT - CLEAN - NO FUMES - SELF-REGULATED SAFE - EASY TO OPERATE**



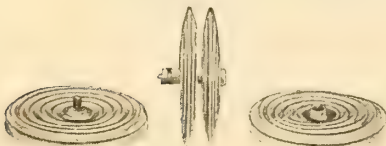
- B-9—30-inch diameter. Capacity 200 chicks. 18 lbs..... \$8.00
- No. 88—42-inch canopy, 400 chicks or less. Weight, 40 lbs. Each ..... \$15.00
- No. 89—52-inch canopy, 600 chicks or less. Weight, 48 lbs. Each ..... \$16.00

Furnished for 110 volt alternating current. Prices include 8-ft. cord and socket connection. Automatic Heat Control.



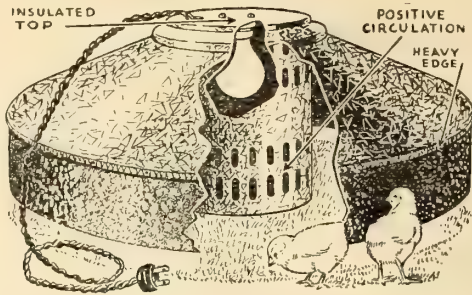
- No. 175—34x34", 200 chicks. Weight, 25 lbs., less bulbs \$4.90
  - No. 175A—34x34", 200 chicks. Weight, 26 lbs., automatic 8.90
  - No. 300—44x52", 300 chicks. Weight, 85 lbs., automatic 24.00
  - No. 500—54x66", 500 chicks. Weight, 120 lbs., automatic 30.00
- 110 Volt A. C.

#### RELIABLE BRASS WAFER THERMOSTATS FOR ANY INCUBATOR OR BROODER



- 3-inch ..... \$2.25
- 4-inch ..... .35
- 5-inch ..... .65

### Electric Hover



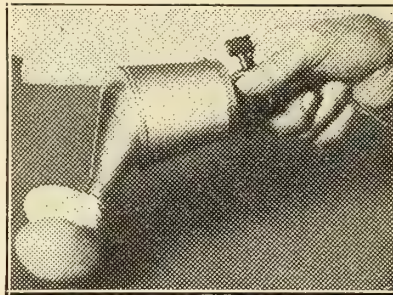
is furnished complete with curtain, 6 ft. of cord and screw plug. No bulb furnished, as any ordinary light bulb will do. We recommend you to purchase the Violet Light Bulb at 75c each.

C-1—22-inch diameter, capacity 25 to 50 chicks. Weight, 8 lbs. Each—\$2.50.

### Reliable Electric Incubator

- 85-egg size ..... \$24.50
  - 150-egg size ..... 28.00
  - 300-egg size ..... \$34.50
  - 450-egg size ..... 44.50
- Oil Heated, \$3 each less.

### Electric Tester



This tester is primarily used for testing eggs during incubation. Can also be used for candling. Its powerful rays penetrate entire egg, making it possible to see all veins. It is equipped with a powerful bulb of correct height. Eggs are not handled or moved during process. The tester is moved over top of eggs. In this manner the eggs are not disturbed. It is the quickest and most practical method of testing eggs during incubation. Standard equipment is for 110 voltage.

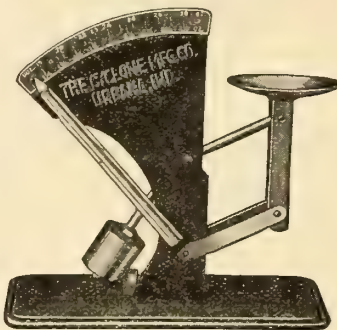
No. 1000—Complete tester for 110 voltage including cord, socket and bulb..... \$2.25



No. 700

### Electric Egg Tester

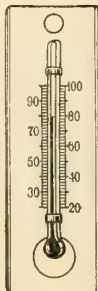
Here is an electric egg tester that will save time, durable, strong, very accurate, easy to use. \$1.25 each.



No. 580

### Egg Scales

- Accurate
- Instant Adjustable
- Stop
- Entirely Automatic
- \$1.50
- Acme Scales, \$2.50



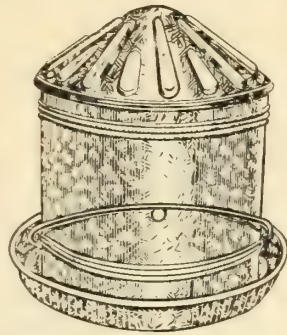
#### INCUBATOR AND BROODER THERMOMETERS

- Incubator, Metal, solid stand..... \$65
- Brooder, Wood ..... .65
- Brooder, Metal ..... .35
- Moisture Gauge for Incubators..... 1.00
- Dairy Thermometer ..... .50
- Household Thermometer ..... .35
- Window Thermometer ..... .25



### A Handy Sanitary Fount

Made from heavy galvanized iron. Fountain for chicks or grown fowls. Double tank, top fill, spring valve, deep rounded bottom pans. Brace handle across inside tank for carrying water. Perch proof top. Strong handles for removing outer tank. Tanks and pan heavily beaded, red trimmed.



No.	Size	Shipping Weight	Price
No. 71	1 gal.	2 lbs.	\$ .60
No. 72	2 gal.	4 lbs.	1.25
No. 73	3 gal.	6 lbs.	1.80
No. 75	5 gal.	14 lbs.	2.75
No. 78	8 gal.	16 lbs.	3.25

### Reliable Float Valve



A perfect automatic valve and float for regulating the flow of water in drinking pan or trough.

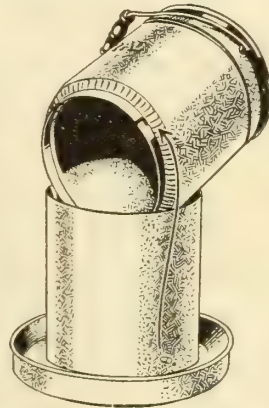
It is made of brass with a brass float. Nothing to rust or give trouble. It is positive in action, providing fresh water for your poultry at all times without care or bother.

This valve may be adjusted to bring water level to the height desired. It is threaded for 1/2-inch iron pipe thread. Pan is not furnished. Price, \$1.00 each.

### ROYAL CLEANABLE THERMIC FOUNTAIN

This fountain is made from heavy galvanized iron with insulation that keeps the water warm in winter and cool in summer. The lower pan is also insulated to prevent the water that will be exposed to the air from freezing on account of coming in contact with the cold ground or floor. Many birds, in place of just one or two, can drink at one time. It is very easily filled and cleaned, as the outer, which is the insulated tank, slips down over the inside tank into which the water is poured. No valves to get out of order. The outer tank fastens to a metal projection with just a slight turn to the right, after it has been put in place.

5-gallon, price \$4.00  
Shipping weight, 30 lbs.



### Electric Heater

Needs No Attention—Safe and Economical

Cost averages about three cents a day. Can be used with any type fountain, pan or bucket. Extra eggs soon pay for this wonderful Heater, \$3.00. Mailing weight, 2 lbs.

### FOUNTAIN, HEATER AND STAND

Heater and stands are all made of heavy galvanized iron.

The Heater is of the open-top type with a hinged door on side so that the lamp can be taken out for trimming of wick or refilling. Furnished with No. 2 burner. Weight, 11 lbs. Heater, No. 214, \$2.00.



The Stand is well worth this extra cost, as it places the water up off of the floor, providing more valuable scratching space, also prevents litter from being scratched into the drinking water. Weight, 20 lbs. Stand, No. 215, \$1.75.

5-gal. Fountain, \$2.75. Complete, \$6.50

### Stoneware Fountains and Milk Feeders

Made of best quality stoneware nicely glazed inside and outside. Recommended by leading poultrymen. Three large openings for feeding buttermilk or sour milk to baby chicks.

We do not send these by mail, express or freight, as they do not carry well.

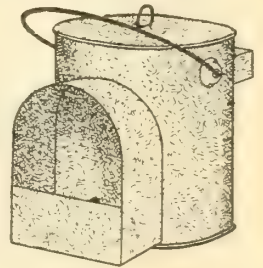


1 qt.	\$ .40
2 qts.	.45
4 qts.	.50
8 qts.	1.00

### TWO PIECE CLEAN OUT FOUNTAINS

Top Section Slides Into Bottom Section

The latest and the most practical sanitary fountain on the market. A double fountain. Keeps the water clean and pure and is easy to care for. Made in two sizes.



Mailing Weight

No. 210—4 qts. 3 lbs., single mouth....	\$1.15
No. 212—8 qts. 4 lbs. single mouth....	1.40

### CONE FOUNTAIN BOTTOM FILL

Mailing Weight

1 qt. Cone, 1 lb.	25c
2 qt. Cone, 2 lbs.	30c
4 qt. Cone, 2 lbs.	40c
No. 71, 4 qt.	60c
Mailing weight, 2 lbs.	



No. 71 Fountain

Cone

### Fountain and Feeder

Made from extra heavy galvanized iron. No solder used. Very substantial pan with heavy rolled edge; electric welded center; can be used for chick feed as well as water. The glass fountain is designed for dispensing buttermilk and sour milk, also medicine. We do not furnish the glass jars.



Number	Style	Price
0	Galvanized	\$.10
7	Glass	\$.10

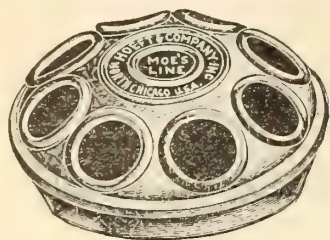
### THE LITTLE PUTNAM STOVE

The Little Putnam Stove is used under the drinking vessel in the poultry house to keep the water from freezing during winter months. It is also used as the heat element in the Putnam Home-made Oat Sprouter. The Little Putnam Stove does not furnish hot water to the birds, but water at that tonic temperature which they best relish. Plenty of such drinking water increases the amount of food digested and assimilated, thus promoting the growth and increasing the egg supply.



Galvanized, each \$2.00

Mailing weight, 3 lbs.



### Baby Chick Feeders

No.	Kind	No. of Holes	Each
11C	Baby Chick	8	\$.15
12C	Baby Chick	12	.20

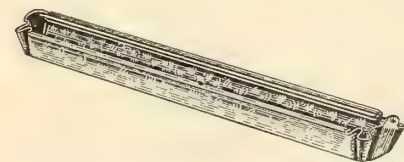


### Wood Reel

Galvanized iron chick feeder, 2" deep, 4" wide, square bottom

set-in ends. Edge of feeder turned in to prevent feed waste. Equipped with red lacquered wood reel having shade roller end pins to prevent binding, adjustable to two positions.

No. 25—24 inches—Weight, 1½ lbs.	30 cts.
No. 236—36 inches—Weight, 2 lbs.	40 cts.



### Metal Reel

Heavy galvanized chick feeder, 2" deep, 4½" wide, equipped with 4 blade double adjustment red lacquered

metal reel. Edge of feeder turned in to prevent feed waste.

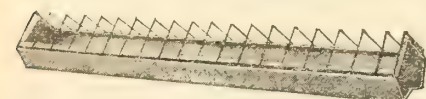
No. 19—12 inches	15 cts.
No. 61—24 inches—Weight, 2 lbs.	30 cts.
No. 62—36 inches—Weight, 2½ lbs.	40 cts.



### Hinged Grill

Heavy 26 gauge galvanized chick feeder, 2" deep, 4½" wide, equipped with extra heavy hinged grill 1" openings, lacquered red, edge of feeders turned in to prevent feed waste, strong set-in ends.

No. 224—24 inches—Weight, 2 lbs.	55 cts.
No. 246—36 inches—Weight, 2½ lbs.	75 cts.
No. 248—48 inches—Weight, 4 lbs.	90 cts.

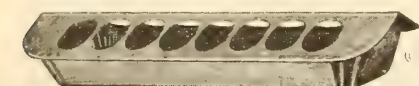


### Hinged Grill

**BROILER FEEDER**

40" broiler feeder, made from extra heavy galvanized iron, 3" deep, 6½" wide, equipped with extra heavy hinged wire grill, lacquered red, with 1¼" openings, edge of feeder turned in to prevent feed waste, strong set-in ends.

Weight, 5 lbs.	
No. 143—Metal Reel Broiler Feeder, 40"	\$1.15
No. 140—Hinged Grill Broiler Feeder, 40"	\$1.25
No. 405—Flock Feeder 5', with stand, each	\$4.25
No. 461—Flock Feeder 5', iron legs, each	\$2.40



Slide Top Chick Feeders, 13"	15c
Slide Top Chick Feeders, 23"	25c

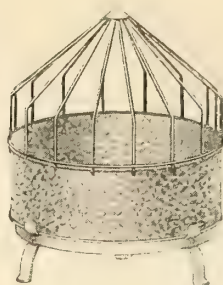
Mailing weight, 13", 1 lb.; 23", 2 lbs.

## The New VIO-RAY Window Fabric

ADMITS THE SUN'S ULTRA-VIOLET RAYS  
STRONG, DURABLE

A Transparent Cloth, Waterproof, Weatherproof  
Ideal for Hot Beds, Barn, Hog House and Garage Windows, Repairs, etc.

36-in. wide at 35c sq. yd. in less than rolls  
30c sq. yd. in full rolls



## Round Grill Waterer and Feeder

WITH HI-LO STAND

Capacity 3 gal.

Ideal for Feeding Table Scraps

This efficient and practical type of waterer is carefully constructed of heavy materials and will give years of real service. It has a three-gallon capacity, which makes it equally sat-

isfactory for either regular pail filling or water system control. We suggest one of our automatic float valves if water system control is desired.

No.	Diameter	Shipping Wt.	Each
39 as illustrated	14 in.	7 lb.	\$1.35

## Oat Sprouter

No. 110. Oat and Grain Sprouter. The frame is of steel, well braced and neatly painted. Has six heavy galvanized steel pans. Five of the pans have perforated bottoms to secure the proper drainage, and the bottom pan is solid to hold the drippings. Pans slide out and are interchangeable. Sectional frame, can be quickly taken apart and stored in a small space. Ample capacity to supply a good sized flock with the necessary green sprouts during the winter months.

No Heater or Lamp required.

Total height of frame 3 ft. Size of pans 16 in. by 18 in.

Packed knocked down, one in a carton. Weight 26 lbs.

Each, complete ..... \$4.50

## Celluloid Leg Bands

Made in sizes to fit all breeds, even chicks and pigeons. Colors—black, white, blue, red and green. When ordering state breed and color wanted.

12 for	15 cts.	50 for	30 cts.
25 for	25 cts.	100 for	50 cts.

## Leg Bands



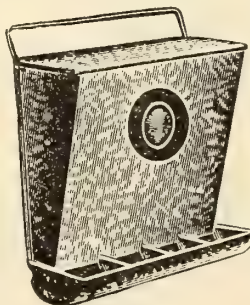
ADJUSTABLE		CHAMPION LEG BAND	
Numbered 1 to 12	15 cts.	1 to 50	30 cts.
1 to 25	25 cts.	1 to 100	50 cts.

## Grit and Shell Boxes

There is no more economical method of supplying grit, etc., than with these practical, inexpensive compartment boxes.

Can also be used as feed hoppers for little chicks.

Made of heavy galvanized iron with round bottoms.



No. 90

No.	No. compartments	Mailing Weight	Price
9	3	3 lbs.	\$.85
90	4	4 lbs.	\$1.25

## Cel-O-Glass

REINFORCED WITH WIRE

The real glass substitute for poultry houses, chicken coops, barns, hot beds, etc. It is flexible, can be bent double, creased and then opened flat again without the slightest damage. Tack it on as you would wire netting. Admits Ultra-Violet Rays of the Sun which is very essential; 15c per sq. ft. Rolls of 100 ft., 36 in. wide at 13½c per sq. ft.

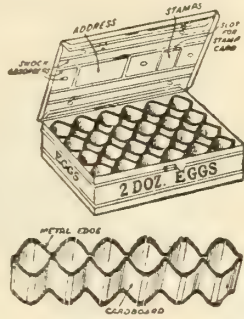
## Aluminized Metal Egg Crates

Solve the problem of shipping eggs, butter and other farm products by Parcel Post. They are made for continued use, being of strong construction, but light in weight.

All crates are provided with built-in shock absorbers to give a cushion for the eggs. Fillers to hold the eggs are made for a long life.

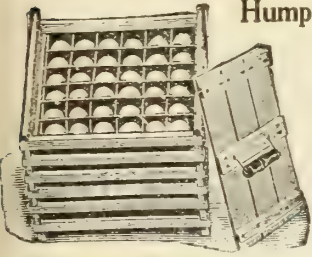
Metal Egg Crates do not require any outside wrapping for mailing.

1 doz. Size. All eggs. Weight empty	2 lbs.	\$1.00
2 doz. Size. All eggs. Weight empty	3 lbs.	1.25
3 doz. Size. All eggs. Weight empty	4 lbs.	1.50
4 doz. Size. All eggs. Weight empty	5 lbs.	1.75
6 doz. Size. All eggs. Weight empty	6 lbs.	2.00
9 doz. Size. All eggs. Weight empty	8 lbs.	2.50
12 doz. Size. All eggs. Weight empty	10 lbs.	3.00
15 doz. Size. All eggs. Weight empty	11 lbs.	3.50



## Humpty Dumpty Folding Egg Crates

The Humpty Dumpty Egg Carriers are strong and durable cases, the favorite of thousands of shippers in the poultry industry. Parcel post or express. It delivers the eggs in the best shape, giving the largest return. The eggs it saves soon pays for itself.



Size	Mailing Weight	Price
3 dozen Empty	4 pounds	\$0.65
6 dozen Empty	5 pounds	.75
12 dozen Empty	7 pounds	.90
15 dozen Empty	8 pounds	1.00

## EAGLE EGG BOX

This is an Ideal Box for handling retail Egg trade, presenting the goods to the customers in an attractive package with the minimum amount of trouble for the seller. They knock down in a very compact shape, and the prices which we name are extremely reasonable.



One dozen size—15 cts. per doz.; \$1.00 per 100; \$1.75 per package of 250; weight, 30 lbs.; \$6.50 per 1,000.

EGG CASE FILLERS.	One set of 10, 30 doz.	Weight
	\$0.35	4 lbs.
	3.25	50 lbs.
CHALK NEST EGGS.	3 cts. each; per dozen	.30 2 lbs.
GLASS NEST EGGS.	3 cts. each; per dozen	.30 1 lb.

## Water Glass

Water Glass for preserving eggs, will keep fresh for months. One pint is sufficient for 8 dozen. Pt., 2 lbs. 20 cts.; Qt., 4 lbs. 30 cts.; Gal., 13 lbs. 95 cts.

## Kow-Kare

The great cow tonic and conditioner, 65 cts.

## Bag Balm

Rub on thoroughly when treating udder for cuts, sore teats, chapping, etc., 60 cts.

## Hyfex

A Concentrated Coal-Tar Disinfectant

Recommended for use in disinfecting about stables, poultry houses, kennels, etc.

One pint when diluted will make 50 gallons of disinfecting fluid—1 pt. 90 cts.

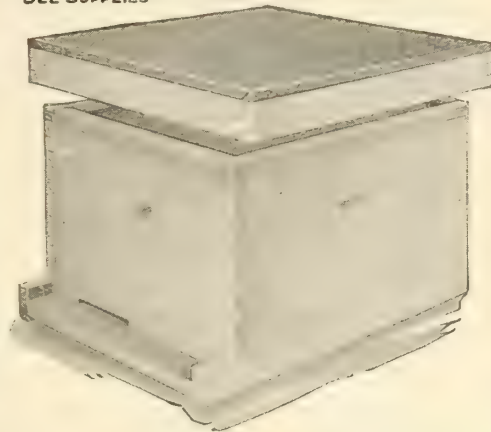


## Bee Supplies

KEEP BEES FOR PROFIT

### STANDARD HIVE

with metal cover, 10 frames, no foundation, KD



Cat. No.	Wt.	Price
22202	31 lbs.	\$3.75

ROOT QUALITY HIVES are made of select clear white pine, the corners are accurately dovetailed. The improved handholds are hollowed out to fit the fingers. The metal top is pressed into shape, thereby preventing all leaking. The bottom board is made of cypress. The frames are the new lock-cornered frames that can be assembled faster than any other frames. Full directions are included with each hive.

	Quantity	Cat. No.	Wt.	Price
STANDARD HIVE—Metal cover, 10 frames no foundation	5 KD	22203	149	\$16.15
SUPERS—For plain, 4 x 5 sections. No sections or foundation	1 KD	22552	12	1.95
SUPERS—For plain, 4 x 5 sections. No sections or foundation	5 KD	22553	50	8.85
SUPERS—For beway sections. No sections or foundation	1 KD	22542	8	1.05
	5 KD	22543	39	4.95

## Frames

### Root's Famous Lock-Cornered Frames

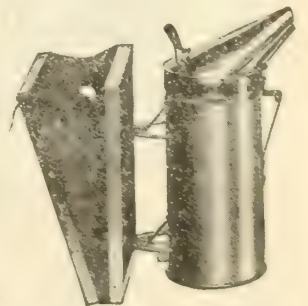
	Per 10	Per 50	Per 100	Wt.
Hoffman Frames, 9 1/4 x 17 3/8	\$0.75	\$2.90	\$5.65	100 46
Sh. Ext. Frames, regular depth, 5 3/8	.50	2.05	3.95	26

## Sections

Quan.	4 1/4 x 4 1/4 x 1 3/8	Price	Ship. Wt.	4x5x1 3/8	Price	Ship. Wt.
100	2440	\$1.40	8 lbs.	2450	\$1.30	6 lbs.
500	2442	6.70	32 lbs.	2452	6.20	29 lbs.
1000	2443	13.40	62 lbs.	2453	12.40	56 lbs.

## Smokers

Standard Tin Smoker.	
3 1/4 x 7 in. Shp. wt., 2 lbs.	\$1.00
Jumbo Tin Smoker. 4 x 7 in. Shp. wt., 3 lbs.	1.20



## Hive Tools

8-inch—wt., 4 oz.	\$ .52
10-inch—wt., 6 oz.	.60

## Wiring Outfit

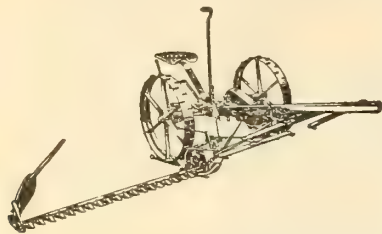
Inexpensive Frame Wiring Outfit	\$ .50
---------------------------------	--------

## Airco Combination Foundation

	Cat. No.	10 sh.	Wt.	Cat. No.	50 sh.	Wt.
3-ply Brood Foundation.						
8 x 16 1/2 inches	5000	\$1.10	3 lbs.	5003	\$5.10	9 lbs.
Single-ply Foundation	5110	.90	3 lbs.	5113	4.30	8 lbs.
			1-lb.			5-lb. carton
Thin Super Foundation	5331	.85	2 lbs.	5333	3.85	7 lbs.

Send for 64-Page Catalog on Bee Supplies—IT IS FREE

### McCormick-Deering Mowers



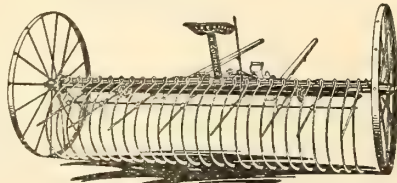
Are strong, light running machines, having a world-wide reputation for light draft, efficiency and durability.

3½ ft. cut, McCormick only. One-horse, Vertical lift ..... \$90.00  
 5 ft. cut—two-horse. Regular lift ..... \$100.00  
 5 ft. cut—two horse. Vertical lift ..... \$101.00

Mower Knife Grinders ..... \$5.75

### McCormick-Deering Self-Dump Hay Rakes

The self-dump feature is properly designed and never fails to work. All the operator has to do is to press a small foot lever and the horses do the rest.



8 ft. .... \$48.25    9 ft. .... \$51.00    10 ft. .... \$53.25

Side Delivery Rake and Tedder, \$129.75

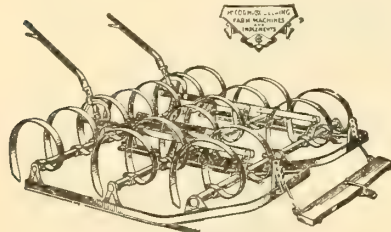
### "U" Bar Lever Steel Harrow



So Arranged the Teeth Cannot Track. This Harrow has a frame of steel, bars of "U" shaped steel well braced and securely fastened at each end of the frame. This gives

the Harrow a double advantage, strength and rigidity, and is a guard against catching into trees and stumps. The teeth can be set to any pitch or cut desired.

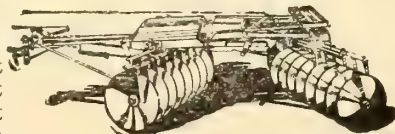
Price: 25-Tooth, Without Drawbar, \$8.50; 50-Tooth, \$19.75



### Spring Tooth Harrows

15-Tooth ..... \$27.25  
 17-Tooth ..... \$29.00

### Disc Harrow



The time is long past when a farmer or market gardener can do without a Disc Harrow. When your ground is weedy and lumpy, then is the time when you need and want a Disc Harrow. Disc Harrows are strong, yet not too heavy; easy on horse and man; saves labor—that means, save money; does the work better than it is possible to do it with a plow or any other harrow.

6 Ft. Double Disc Tractor Harrow, \$103.50. Horse-drawn Harrows: Eight 16-inch discs, \$59.25; Ten 16-inch discs, \$63.90; Twelve 16-inch discs, \$69.75.

The above prices include Forecarriage, but without tongue. If Forecarriage is not wanted, deduct \$9.25.

### Bolens Garden Tractor

The Bolens Garden Tractor represents the crowning achievement of many years spent in pioneering the development of garden tractors.

The Bolens Garden Tractor is a rugged, compact and extremely flexible service unit. Always ready for any job—garden plowing, seed bed preparation, seeding, close weeding, cultivating (narrow or wide), mulching, spraying or crop harvesting. Likewise adaptable to lawn mowing and a variety of belt work.

Well balanced, strongly constructed and free from useless parts, the Bolens will give years of satisfying and profitable service. Its simplicity of construction and ease of handling make it possible for even a woman, boy or girl to successfully operate a Bolens with comparative ease.

Model BR—2 H. P. (Less Tools) ..... \$216.50  
 Model Z5—4 H. P. (Less Tools) ..... 335.00

Write for compete prices and demonstration

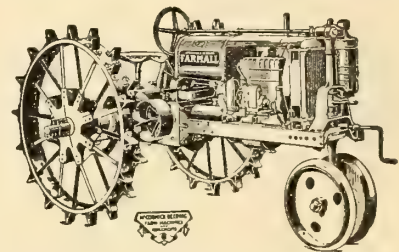
### McCormick-Deering Gear Drive 10-20 Tractors

A powerful, sturdy machine with a new ball-bearing crank-shaft engine.

The most dependable and durable tractor you can buy at any price. \$990.00, delivered.

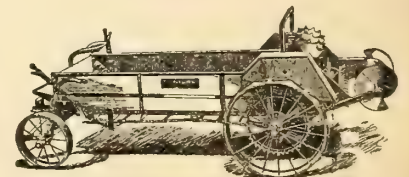
### Farmall Tractor

Plows, harrows, mows, cultivates and does other jobs with only one operator. F-12—\$650.00; F-20—\$1,020.00.



### Manure Spreaders

No. 4A—Capacity 60 bus., 2 horse hitch. \$193.25



### Lime Spreaders

The bottom of the Nonpareil Sowers is made of heavy sheet steel, bent into a half-round shape. A heavy sheet steel feed plate working in keepers forms the feeding device. There are punched in the bottom and feed plate 20 round holes or outlets, 2 inches in diameter, through which the material passes to the scattering board. These holes are 4½ inches apart from center to center, and extra plates can be furnished for sowing in rows. Price, \$52.50. Capacity, 10 Bushels—Sowing Swath, 8 feet.

MCCORMICK DEERING DOUBLE AGITATOR LIME SPREADER, \$99.25

COLE "LABOR-SAVER" PLOW AND FERTILIZER DISTRIBUTOR, 1 HORSE, No. 60—\$22.50

### Wiard Road or Contractors' Plows

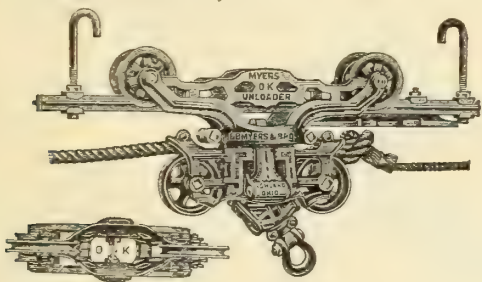


No. 65. Medium; weight, 200 lbs

The cut illustrates the No. 65 Plow, which is very substantial, and is heavy enough for ordinary road or contractors' work when used with 2 or 4 horses.

A Cast Iron Point, made from the best quality of charcoal iron, very strong and heavy.

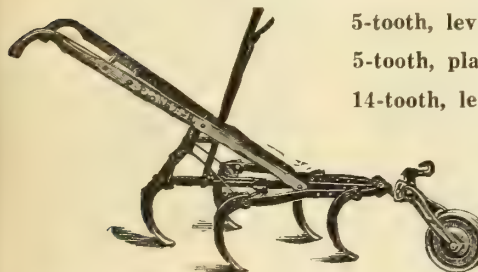
Price, with Wheel or Shoe.....	\$35.20
Price, without Wheel or Shoe.....	31.90
Extra for Forged Steel Point.....	6.35



### Hay Cars

No. 200—5-in. Pulley and Sheaves.....	\$12.00
No. 208—7-in. Pulley and Sheaves.....	15.00
Double Harpoon Hay Fork.....	3.50
Double Steel Track with Clamps, per foot.....	.25
Hangers, each.....	.19
Rafter Brackets, per 100.....	5.00
Floor Hooks.....	.16
Knot Passing Pulleys.....	.85

### Cultivators

	5-tooth, lever.....	\$8.60
	5-tooth, plain.....	7.85
	14-tooth, lever.....	9.65
	14-tooth, plain.....	\$8.90.

### McCormick-Deering New No. 4 Two Horse Riding Cultivator

The most popular riding cultivator made. (Hill dodging is accomplished by means of two fork pedals placed just right for driver's feet. An easy pressure on either pedal pivots the wheel axles, carrying the cultivator to the right or left, as the case may be. At the same time the gangs shift sideways, keeping the shovels constantly parallel.) So easy to operate that a boy can do the work of a full-grown man.

Furnished with 6 shovels.....	\$73.75
Furnished with 8 shovels.....	77.75

### Syracuse Plows



No. 2-78 RH, 10 to 13 in. width.....	\$20.50
No. 10-78 RH, 14 to 16 in. width.....	25.00
No. 20-78 LH, 11 to 14 in. width.....	22.00
No. 30-78 LH, 14 to 16 in. width.....	25.75

### Oliver Plows

AC—One-horse.....	\$12.50
13.....	20.00
19.....	21.00
20.....	23.00

### South Bend Plows

1-B—One-horse.....	\$13.75
2-F—Two-horse light.....	16.25
2½-F—Two-horse light.....	18.25
3-F—Two-horse medium.....	19.25

### Tractor Plows

**LITTLE GENIUS.** Heavily built for sturdy service, yet due to three wheel construction is of very light draft. Price, two 14-inch bottoms, \$133.25.



**LITTLE WONDER.** A light, two-wheel plow, giving exceptional satisfaction to all users. Price, two 12 or 14-inch bottoms, \$106.50.

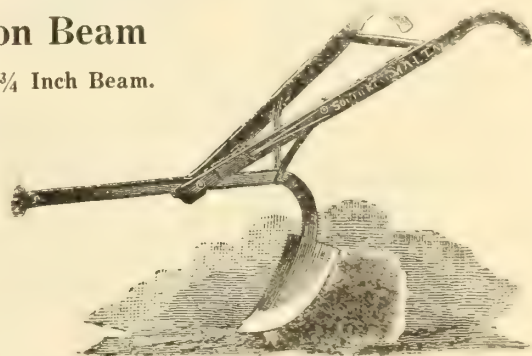
### Single and Double Shovel Plows

#### Iron Beam

Has 1¼ x ¾ Inch Beam.

Double Shovel Plow, \$5.60

Single Shovel Plow, \$4.95



### Bolgiano's Improved Three-Row Marker



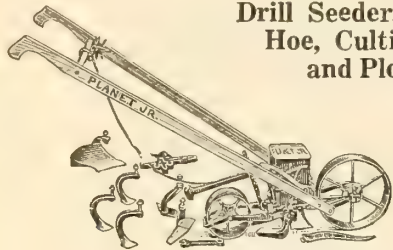
Has three chilled shoes, or runners, with steel wings, bolted on, and may be easily replaced when worn.

The frame is made of seasoned oak. The runners may be changed by

loosening two bolts, to mark furrows 28 to 48 inches apart. Price, with pole, without seat..... \$22.00

# Planet Jr. Farm

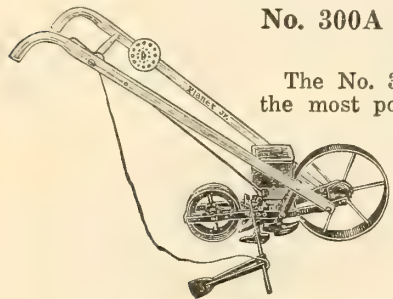
**No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow**



Price complete, \$19.50  
Weight, 50 lbs.  
As a Seeder only (No. 4D), \$15.50

Holds 2½ quarts of seed

As a seeder, the No. 4 plants almost all vegetable seeds in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. The furrow is opened, seeds dropped, covered and the soil firmed and the next row marked out all in the same operation. Converted into a single wheel hoe by changing one bolt. Cultivating equipment includes the most useful attachments for gardening, a plow, hoes and cultivator teeth.

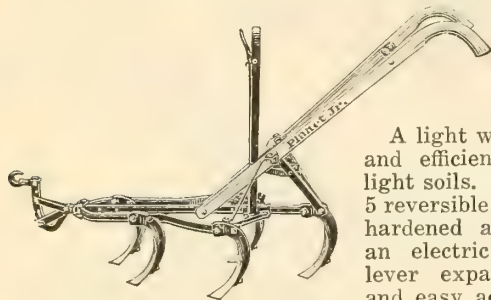


**No. 300A Planet Jr. Drill Seeder**  
Price, \$21.00

The No. 300A is rapidly becoming the most popular seeder for market gardeners. It is a plate seeder having three seeding plates each with 13 holes giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features com-

bine to make the No. 300A easy running, dependable and accurate.

**No. 101D Planet Jr. Cultivator**



Price, \$9.50

A light weight but sturdy and efficient cultivator for light soils. Equipment with 5 reversible cultivator teeth, hardened and tempered in an electric furnace. Has lever expander for quick and easy adjustment.

No. 100D—Same as above less the lever expander. Price, \$8.00

**No. 9 Planet Jr. Horse Hoe**  
Price, \$14.50

**No. 9D, Without Wheel**  
Price, \$13.00



Completely equipped Horse Hoe, light weight, straight running, and easily handled. Cultivator teeth are of high carbon be-

veled steel, thereby making them self-sharpening, and the point retains its shape, greatly prolonging the life of the steel. Patent hillers are reversible for hoeing or hilling. Can be run close to the plants without endangering the roots.



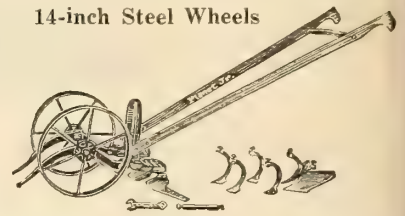
# and Garden Tools

**No. 12 Planet Jr. Double and Single-Wheel Hoe Steel Frames 14-inch Steel Wheels**

Price, \$11.50

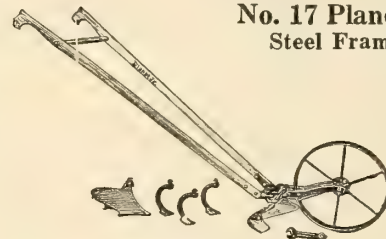
Equipment includes attachments needed in the average garden.

One pair 6-inch hoes for shallow cultivation and weeding, four cultivator teeth for deeper and general cultivation and a pair of plows for plowing, furrowing and ridging and a pair of leaf lifters which are useful in protecting the leaves and vines when crops are maturing. As a Double Wheel Hoe it will straddle crops 20 inches high, cultivating both sides at once. Easily changed to a single wheel hoe for working between rows. Made entirely of steel and practically indestructible.



**No. 11 Planet Jr.**—Same as above with the addition of 1 pr. 4½" hoes, 1 pr. 3-tooth rakes, and 1 pr. 5-tooth rakes. Price, \$14.50.

**No. 17 Planet Jr. Single-Wheel Hoe Steel Frame—16-inch Steel Wheel.**  
Price, \$8.00

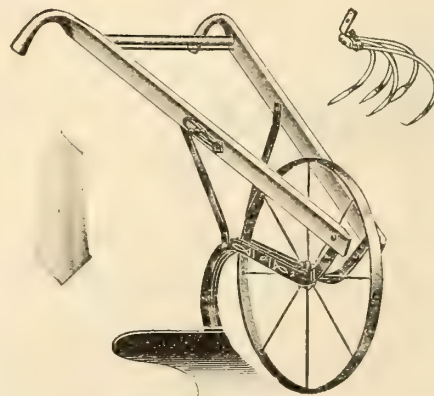


Very popular because equipment includes just the attachments needed in the average garden. A pair of 6-inch hoes for weeding and shallow cultivation, three cultivator

teeth for deeper and general cultivation and a plow with landside for hilling, furrowing, ridging and plowing. Light and easy to handle. All steel—unbreakable.

**No. 17½ Planet Jr.**—Same as above less the plow. Price, \$7.00

## Rival Hand Garden Plows



There has always been a demand for a small garden plow that would come within the price, making it possible for the small gardener to purchase. These plows have all the tools or parts necessary to the perfect working of a garden—for instance, it has a plow for hilling and working the garden early in the spring; it has a cultivator and a hoe; also a pulverizing rake. It is complete in every detail. We have sold them by the hundred to pleased customers. Weight, about 20 lbs. Every garden should have one. Price, \$3.45.

instance, it has a plow for hilling and working the garden early in the spring; it has a cultivator and a hoe; also a pulverizing rake. It is complete in every detail. We have sold them by the hundred to pleased customers. Weight, about 20 lbs. Every garden should have one. Price, \$3.45.

### McCormick-Deering Hammer Mills

These fine, sturdy mills will grind wheat, oats, barley, rye, shelled corn, ear corn, Kafir corn, milo-maize, hegari, feterita, cornstalks, hay, alfalfa, beans, peas, and grain sorghums, both headed and in the bundle, according to their rated capacities.

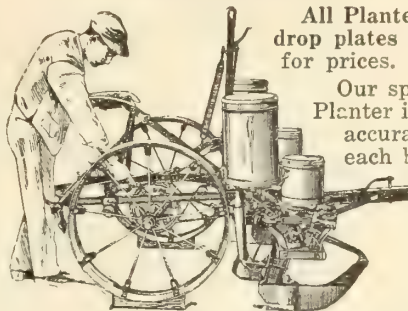
1 B Hammer Mill	\$174.50
6" Type B Feed Grinder	35.75
8" Type B Feed Grinder	50.50
10" Type D Feed Grinder	63.50



### Double Row Corn Planter

All Planters fitted with adjustable drop plates when so ordered. Write for prices.

Our special new feature in this Planter is that we not only get an accurate number of kernels in each hill, but we get the number of kernels in each hill which the quality of the soil is able to bring to perfect maturity.



Price, \$93.25

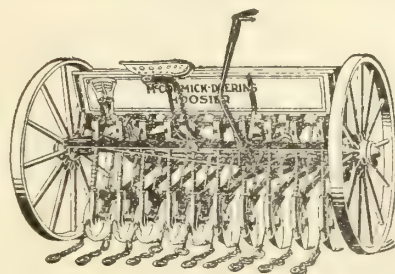
With Fertilizer Attachment, \$123.00

### COLE ONE ROW CORN PLANTER

No. 11—Plain Planter	\$21.50
No. 11—Planter with Fertilizer Attachment	25.50

### McCormick-Deering Hoosier Drills

The fluted force is designed to sow surely and evenly whatever seed is being sown. The fertilizer mechanism will sow 30 to 1135 lbs. to the acre.



9-7 single disc...\$166.50  
11-7 single disc... 187.50

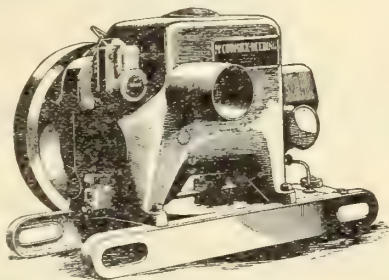
Prices on other models on application.

### McCormick-Deering Engines

Very simple and perfect System of Hopper Cooling.

Frost Proof.

Removable cylinder sleeve. Simple, effective kerosene mixer; unusually accessible and easy to operate.

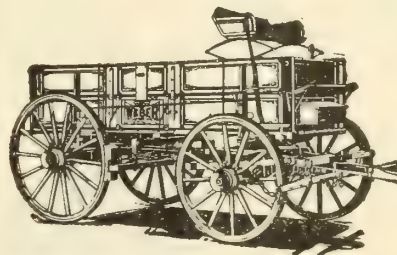


1½ to 2½ H. P. Variable Speed, \$75.00

3 to 5 H. P. Variable Speed, \$110.00

### Wagons

We sell but one grade of wagons—the best—the first and highest grade. When the farmer understands the real value and worth of our wagons and realizes that there is something else in the buying of a wagon besides its first cost, he will have no other. Only the best of inspected lumber gets into our wagons. The highest class of workmanship is employed and every section of this country receives our wagons, specially designed, air-cured, and built for the climatic conditions to be found there.



Only the best of inspected lumber gets into our wagons. The highest class of workmanship is employed and every section of this country receives our wagons, specially designed, air-cured, and built for the climatic conditions to be found there.

N23—2-horse farm, medium Weber	140.00
N124—2-horse farm, standard	152.00
N332—1-horse, medium, 2-inch tire	80.00
Box brake extra, 2-horse	12.00
Box brake extra, 1-horse	7.50
Spring seat, high back	6.50

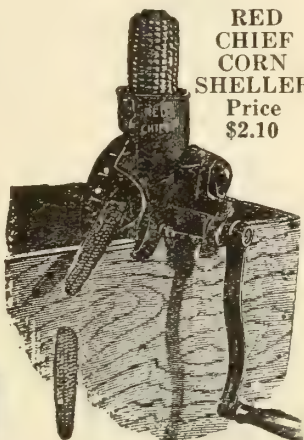
### RED CHIEF GRINDING MILL

Price \$4.45



### RED CHIEF CORN SHELLER

Price \$2.10



### Hand and Power Corn Shellers

No. 3 Single Hole Sheller—\$15.50

No. 7 Double Hole Sheller—For Hand or Power—\$34.00

### Lever Feed Cutter

Simple, durable, handsome, cheap. It has an 11-inch tempered curved knife, which can be adjusted to take up the wear, thus giving a perfect shear cut at all times.

Price—\$7.25

### All Purpose Steel Wheel Truck

Roller Bearing

Tractor Hitch.. \$84.75 Horse Pole \$85.85

### Our Handy Steel Wheel Farm Trucks

Wood Hounds, Well Braced. Hickory Axles

All wood parts hardwood and well painted with grooved tire, \$56.50.

### The Original Improved Cyclone SEEDER

It differs materially and very advantageously from all other Sowers in having a slope feedboard with an oblong hopper which terminates in a metal edge, on which edge oscillates a feed plate which does not allow the seed to become clogged, but makes a positive force feed and insures a uniform flow and even distribution of seed. Anyone desiring a convenient, practical and an all-round first-class grain and grass seeder, a good, large sower that will meet the most exacting demands, we cannot recommend the CYCLONE too highly. Price, \$2.75. Parcel Post weight, 6 lbs.

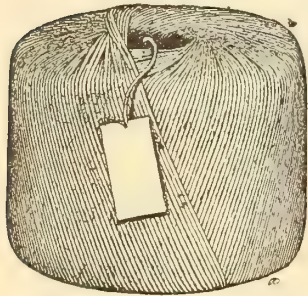


### Horn Seeder

Makes even broadcasting a sure process in the hands of all users, 95 cts.



### Binder Twine



It is well understood that good binder twine is essential to successful binding. Uniform size and strength are the characteristic features of our binder twine. It will not kink and clog the knotter or pull thin and break. 500 feet to the pound. Price, 10 cts. per lb. Special prices on bale lots.

### Manila and Sisal Rope

Always on hand, the best Manila, Sisal and Cotton Rope, in coils or by the piece, at prices consistent with the quality. Prices on application.



### Plow Lines

Fourteen yards of 3/8 inch Sisal rope, 45 cts.

### 2 Ply Jute Twine

Most used for tying vegetables and general purposes; in balls or twist, per lb. \$0.20

### Tarred Fodder Twine

High grade even Sisal twine, 50 strands to the twist. 21 oz. 14 cts. per lb. Full bales of 25, 50 and 100 lbs. at 12 cts. per lb.

### Grindstones

Steel Frame, No. 300 \$9.50 Sickle Grinder \$5.75  
Steel Frame, No. 04 10.50

### Scales

20-lb. Huckster Scales with scoop \$ 2.35  
20-lb. Huckster Scales with scoop, glass covered dial \$ 3.50  
40-lb. Scale with scoop \$ 2.65

### De Laval Cream Separators

A remarkably easy running Separator. It gets all the cream which may be regulated to test from 15 to 55% butter fat by an easily adjusted cream screw.



#### STANDARD SERIES

	Ball Bearing	Pounds Per Hour	
No. 11	400	\$97.50	
No. 14	550	107.50	
No. 18	800	122.50	

#### Junior Series

No. 1	150	\$30.00
No. 2	225	33.75
No. 3	300	38.50
Stand extra		11.50

Do Your Milking with a De Laval

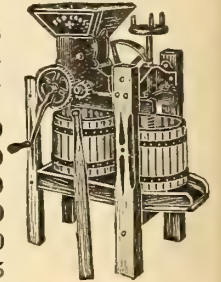
### Stanchions

No. 27—Stalls with Stanchions	\$11.20
No. 1211—Stanchions only	3.20
End Partitions	2.35
No. 203—Water Bowls	2.90

### Cider Mills and Berry Presses

All materials used in our mills and presses are carefully selected. Wood is extra heavy to assure greatest strength and rigidity. Screws are cold rolled steel with Acme thread.

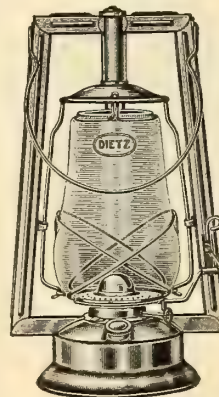
Single Cage Mill	\$18.00
Jr. Double Cage Mill	24.00
Medium Double Cage Mill	29.00
Sr. Double Cage Mill	41.00
No. 1 Berry Press	7.50
No. 2 Berry Press	8.25
Handy Crusher	6.40



Senior

### Dietz Lanterns

Dietz Victor Lantern	\$ .95
Dietz Victor Red Lantern	1.35
Dietz Regulation Lantern for Wagons	2.15
Dietz Blizzard Lantern (can't blow out)	1.60
Dietz Little Wizard (can't blow out)	1.20



### Certain-teed Best Quality Roofing

1 roll roofing is sufficient to cover 100 square feet of roof space. Price given is per roll.

1-Ply	\$1.35	2-Ply	\$1.85
3-Ply	\$2.25		

RED AND GREEN SLATE TOP ROOFING. Price \$2.50

#### CORPORAL ROOFING

1-Ply	\$1.10	2-Ply	\$1.50
3-Ply	\$1.90		





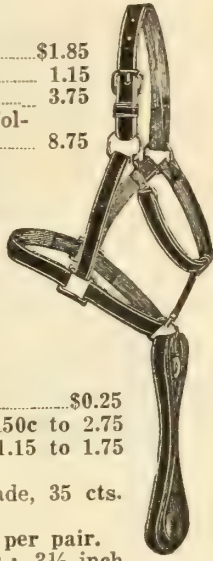
### Harness

Halters, Leather, 1 1/4 in., machine-made.....	\$1.85
Leather Cow Halter.....	1.15
Cart Bridles, extra heavy.....	3.75
Plow Harness, complete, per set (less Col- lar).....	8.75
Trace Chains, per set.....	\$1.20
Breast Chains, per set.....	95c to 1.35
Butt Chains, per set.....	1.00

#### TIE OUT CHAINS

4 1/2 foot.....	35 cts.
20 foot.....	65 cts.
30 foot.....	\$1.00

Tick Lined Collars.....	\$3.60
Red Edge Collar Pads.....	60 cts.
CURRY COMBS.....	\$0.25
HORSE BRUSHES.....	50c to 2.75
MANURE STABLE FORKS.....	1.15 to 1.75
NEAT'S-FOOT OIL. Qt. 50 cts.	
HAME STRAPS. 1 inch, machine-made, 35 cts. each; \$3.60 dozen.	
HAMES, No. 61. Virginia cart, \$1.20 per pair.	
BULL RINGS, 3-inch copper, 35 cts.; 3 1/2-inch copper, extra heavy, \$1.60.	



STEEL SINGLE TREES.....	\$95
STEEL PLOW DOUBLE TREES, Reinforced.....	1.50
Wooden Plow Set, Complete.....	2.75
U Bar Steel Set, Complete.....	3.40

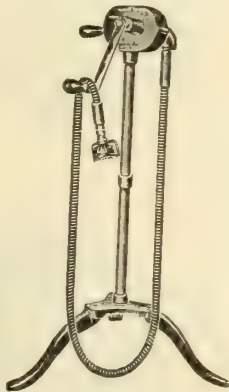
### Stewart No. 1 Enclosed Type Clipping Machine

The Only Ball-Bearing Clipping Machine

Price, complete for horses, \$13.45

#### Extra Blades

Top, No. 360 or No. 90.....	\$1.35
Bottom, No. 361 or No. 99.....	1.85
3-Pt. Cutter, No. 276.....	.30
4-Pt. Cutter, No. P2311.....	.40
10-Pt. Comb, No. 277.....	.80
13-Pt. Comb, No. G287.....	.85



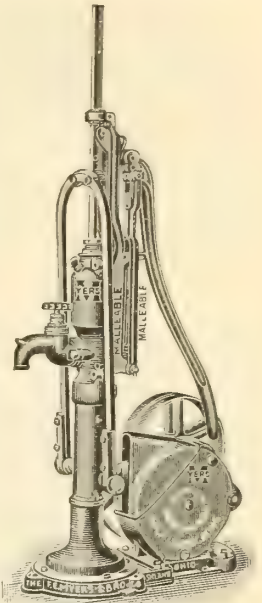
AUTOMOBILE OIL.....	per gallon, 50 cts.
GAS ENGINE OIL.....	per gallon, 50 cts.
DE LAVAL HAND SEPARATOR OIL—	
1/2 gallon 70 cts.; per gallon, \$1.10	
DE LAVAL TURBINE OIL.....	per gallon, \$1.35
DE LAVAL TURBINE OIL.....	5 gallons, \$4.75
AXLE GREASE (Mica).....	1 lb. 20 cts.; 3 lbs. 45 cts.

### Brooms

Bass, 16-in.—6 row.....	\$1.20
Handles.....	.20
Mixed No. 9 XXXX 40-lb.....	1.15
Special Success.....	.75

### Myers' Cog Gear Pumps

The patented rolling motion cog gear head operates 33 1/3 per cent easier than the ordinary every-day pump now in use and 50 to 100 per cent easier than antiquated types. As soon as you take hold of the handle you discover that the "rolling motion" cog gear performs an important labor-saving service appreciated by every member of the family.



416. Long Stroke Pitcher Pump, \$4.50. With foot valve, \$5.60.

For price complete with pipe on above pump, add 20 cts. per foot depth in well.

R94 1/2. Defiance Pump Standard, \$15.75. With cylinder and foot valve, \$22.85.

R432. Self-Lubricating Pump Head, \$33.50. With cylinder and foot valve, \$41.60.

For price complete with pipe and sucker rod on above two pumps add 25 cts. per foot depth of well.



R1052. Single Acting Lift Pump, \$13.00. With foot valve, \$14.60.

R1072. Single Acting Force Pump, \$14.50. With foot valve, \$15.60.

R5. Double Acting Force Pump, Windmill Top, \$25.00. With foot valve, \$26.10.

For price complete with pipe and sucker rod on above three pumps add 25 cts. per foot depth of well less four feet.

952. Working head, self-oiling, with handle attachment, \$64.00. With cylinder and foot valve, \$68.50.

For price complete with pipe and sucker rod add 30 cts. per foot depth of well.

### Wood Pumps

For a plentiful supply of pure sweet water, wood pumps have never been excelled. All our pumps are made of Washington white spruce which is entirely tasteless and the best lumber now available for this purpose. All cylinders are porcelain lined.

Depth	Size of Pump	
	6x6 in.	7x7 in.
12 feet.....	\$15.75	\$18.50
14 feet.....	17.35	20.10
15 feet.....	18.15	20.90
20 feet.....	22.15	24.90
25 feet.....		28.90
30 feet.....		32.90
35 feet.....		36.90

### Well Buckets

Victor Bucket.....	\$1.25
Crown Bucket.....	1.10
Galv. Bucket No. 121.....	.85
Well Chains, per lb.....	.12

### Buckets

10-quart galv.....	\$0.30
12-quart galv.....	.35
16-quart galv.....	.40
W. 1310—10 qt. heavy galv.....	.65
W. 1312—12-qt. heavy galv.....	.70



# National Eezy Wear Garden Gloves

Made from select imported leather processed to render it amazingly soft and pliable—as well as durable—Permit almost barehand freedom with maximum comfort, yet provides complete protection from dirt, bruises, scratches and stains.

Per Pair..... 75 cts.

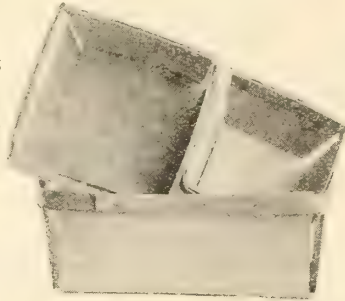
Cotton Gloves, Leather Palm, Heavy Cotton..... 30 cts.  
 Medium Weight Cotton..... 12 cts.

## Berry Boxes

Prices subject to market in berry season.

Write for special quantity prices.

	Doz.	100	1000	
1/2 pint square		\$.12	\$.70	Write
Pt. square		.12	.70	for
Pint long		.12	.70	Prices

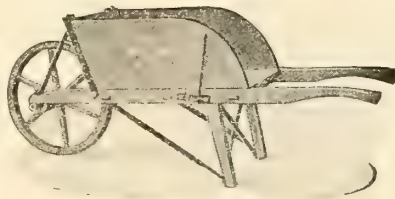


	Doz.	100	1000	
Quart square		\$.12	\$.70	Write
Quart long		.24	1.35	for
2-quart long		.24	1.75	Prices
4-quart long		.30	2.00	

	Doz.	100	1000	
1/2-bu. Peach Baskets				Write for Prices
1/2-bu. Round Baskets		\$1.25	\$8.85	
1/2-bu. Round Basket Tops		.50	3.50	
1-bu. Round Baskets		1.25	8.85	
1-bu. Round Basket Tops		.45	3.00	
1-bu. Corrugated Caps		.15	1.00	
1-bu. Paper Liners		.30	2.00	

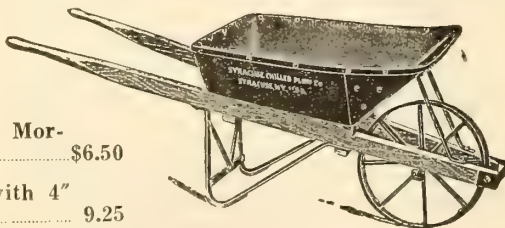
## Wheel Barrows

No. 1 Buch's Large Size ..... \$8.10  
 No. 3 Medium Size 6.65  
 Flapper Barrow, Steel Tray and Wheel.. 4.15



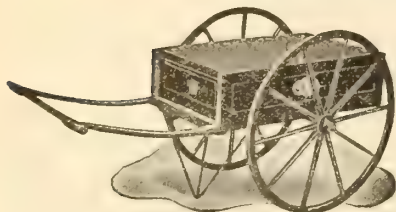
## Barrows

F3. Steel Tray Mortar ..... \$6.50  
 Golf Barrow with 4" Wheel ..... 9.25



## Push Carts

No. 0 Lansing.....\$20.65  
 Size of Box, 48x28x10.  
 No. 1 Lansing.....\$18.50  
 Size of Box, 40x23x10.  
 No. 2 Lansing.....\$17.00  
 Size of Box, 32x20x9.



# NITRAGIN

THE ORIGINAL LEGUME INOCULATOR  
 Guaranteed Fresh Each Year—Leads in High Germ Count

For profitable results. Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. Fresh, high count NITRAGIN, containing billions of efficient nitrogen-gathering germs, builds up the soil.

All Legume Germs are PERISHABLE. To Protect You, NITRAGIN Cans are Stamped With Expiration Date. Insist on NITRAGIN.



Mixing Nitragin with Seed  
 Legume germs die rapidly when dried. NITRAGIN, containing between 30%—40% moisture, will readily stick to the seed without adding water, and give inoculation. However, for best results, the preferred practice, recommended by The Nitragin Company and Agricultural Authorities is to use water when mixing legume culture with seed.

### NITRAGIN PRICES

Alfalfa, All Clovers	Peas, Vetch, Beans, Austrian Winter Peas
Size	Size
1/2 bu. .... \$ .30	1/2 bu. .... \$ .25
1 bu. .... .50	1 bu. .... .40
2 1/2 bu. .... 1.00	*1 2-3 bu. .... .60
	5 bu. .... 1.70

When ordering, always specify kind of seed

Soy Beans, Cow Peas and Lespedeza

1 bu. .... \$ .30	5 bu. .... \$1.00
2 bu. .... .50	*10 bu. .... 1.60

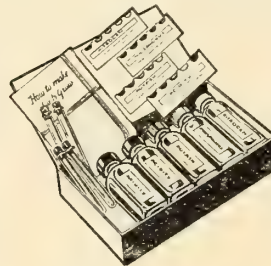
\* Soya beans and cow peas only.

Garden Nitragin—Garden Size—Peas, Beans, Sweet Peas. Inoculates from 1 oz. to 8 lbs. seed. Price 10 cts.

IMPORTANT—When ordering NITRAGIN, always be sure to state kind of legume seed you wish to inoculate. Nitragin has served the American farmer since 1898.

## Sudbury Soil Test Kits

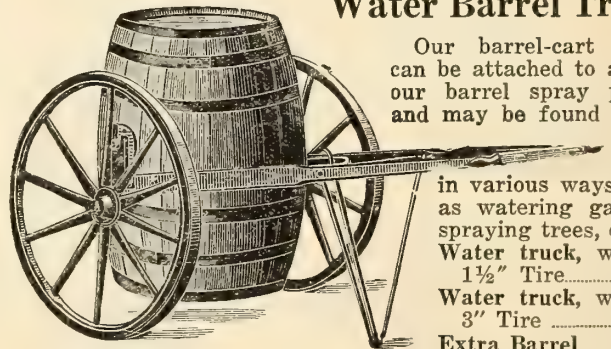
This kit is the only equipment we know of at anywhere near its price that tests for nitrogen, phosphorus, potash and acidity. Packaged in a strong cardboard container, it will give the gardener complete information about the requirements of his soil who wants the best results with the least expenditure on fertilizer.



Home Gardener Kit..... \$2.00  
 Horticultural Kit ..... 9.75  
 Professional Kit ..... 18.50

## Water Barrel Truck

Our barrel-cart which can be attached to any of our barrel spray pumps and may be found useful

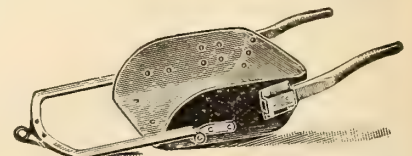


in various ways, such as watering gardens, spraying trees, etc.

Water truck, with 1 1/2" Tire.....\$17.50  
 Water truck, with 3" Tire .....\$19.50  
 Extra Barrel ..... \$6.00  
 Leaf Rack for above ..... \$8.00

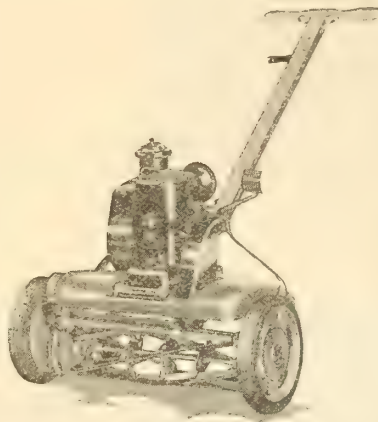
Water Truck as used with Barrel.

## Steel Drag Scraper



No. 1—Capacity about 7 cu. ft. of earth, 98 lbs..... \$9.00  
 No. 2—Capacity about 5 cu. ft. of earth, 90 lbs..... 8.25  
 No. 3—Capacity about 4 cu. ft. of earth, 75 lbs..... 7.50





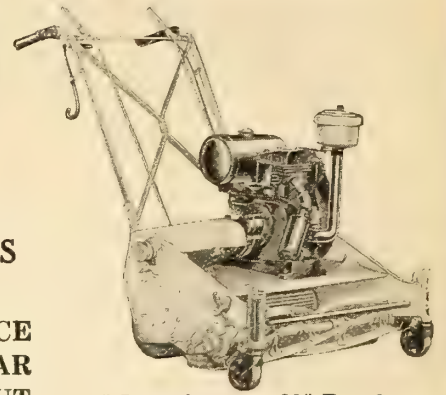
19" Special  
18" Clipper

# Cooper

## POWER MOWERS

Offer

**POWER STAMINA PERFORMANCE  
ENGINEERED LIKE A MOTOR CAR  
ALEMITE LUBRICATION THRUOUT**



27" Imperial      20" Royal

In the Cooper "Clipper" and Cooper "Special," the engineering experience of three of the foremost manufacturers in the country, Cooper, Briggs & Stratton and Worcester, have been combined to produce the highest grade, full size, one-hundred per cent efficient Power Cutting Unit on the market, priced within the reach of every home owner who mows a lawn.

Hinged Power eliminates all clutches and simple take-up for reel, chain and sprockets reduces wearing parts and service adjustment to the very minimum.

The extreme popularity of the Cooper power mower is due to sturdy construction, light weight and perfect balance. All models are short coupled and easy to operate under all conditions. The pressed steel frame is securely anchored to a solid aluminum deck—an exclusive Cooper feature—providing strength and minimum weight without deflection and distortion, giving new solidity, smoothness and long life.

From a normal position behind the mower the operator governs every operation by means of handy levers providing finger tip control thru independent clutches to reel drive and traction roller. All models are equipped thruout with ball and roller bearings. Alemite lubrication and auto differential drive roller permits easy turning without marring or injuring the turf.

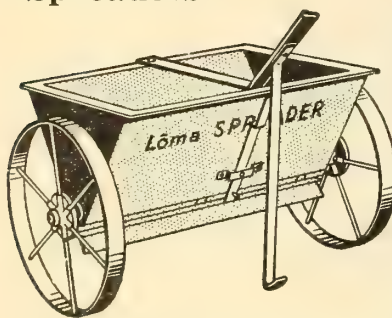
The 20" Royal and 27" Imperial roller type mowers meet every lawn mower requirement and either size will maintain a more vigorous and healthy growth of grass, will keep it evenly trimmed and rolled at less cost than any other power mower. Following up for close trimming is unnecessary as either Cooper mower will cut closer to trees, shrubs, walks, flower beds, fences, etc., than the ordinary hand mower.

Automatic dump grass catcher, sulky and triplex equipment to provide extra mowing capacity are optional equipment, easily and quickly attached.

### PRICES

IMPERIAL, 27-inch .....	\$299.50	ROYAL, 20-inch .....	\$215.00
	<b>SULKY</b> .....		<b>\$30.00</b>
ROTARY SCYTHE .....	27-inch—\$27.50; 20-inch—\$25.00	TRIPLEX ATTACHMENT .....	\$60.00
COOPER CLIPPER .....	\$87.50	COOPER SPECIAL .....	\$121.50

## Spreaders



### FOR FERTILIZER, LIME OR SEED

The 16-inch and 30-inch Spreaders are as rugged and dependable as of old. Hoppers made of galvanized iron with patented automatic shut-off controls. The agitator in both sizes distributes Loma or grass seed in correct amounts. Accurately regulated by the feeder slides. The wide dashboard gives even distribution. A leg rest is provided for convenient filling.

The Loma Junior Spreader is a mechanically complete job—is equipped with bolted agitator and yet the price places it within the reach of all.

Prices: 16" Spreader—\$5.50; 30" Spreader—\$10.50; Loma Junior Spreader—\$2.50; Moore Spreaders—\$1.95

## Watering Cans



4-quart .....	\$ .80
8-quart .....	1.05
12-quart .....	1.30
16-quart .....	1.45

## Wotherspoon Watering Pots

Heavy galvanized iron reinforced; well made and substantial. Will out-

last two or three ordinary pots. Long spout greenhouse model; two copper-faced roses, one fine, one coarse, with each pot.

8-quart .....	\$5.75	12-quart .....	\$6.50
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## Electrimmer



### TRIMS HEDGES 10 TIMES FASTER

No more tiresome labor with hand shears—Electrimmer makes it fun—does a better job!

Electrimmer has changed one of the hardest and most tedious jobs in the garden into a few minutes of effortless pleasure. Why spend hours in the hot sun laboriously snipping off a twig or two at a time with old-fashioned hand shears when you can let electricity do the hard work for you? Electrimmer cuts a clean, perfect swath through the toughest hedge growth 10 times as fast as you can do it by hand. It will enable you to trim 100 feet of hedge, top and sides in 30 minutes or less—and you'll be cool, fresh and smiling when it's done!

Price .....	\$29.50	50 feet Cable .....	\$2.50
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## "Little Wonder" Hedge Trimmer

Speeds up work where electricity is not to be had.

30-inch—One Man .....	\$25.00	40-inch—Two-Man .....	\$27.50
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## Grass Catchers

12 to 16 inches .....	75 cts.	18 to 20 inches .....	90 cts.
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## Garden Hose

See page 1



Tamps seeded places. Smooths rough ground. Can be quickly reversed for spiking old lawn. Shipping weight, 12 lbs. \$4.50.

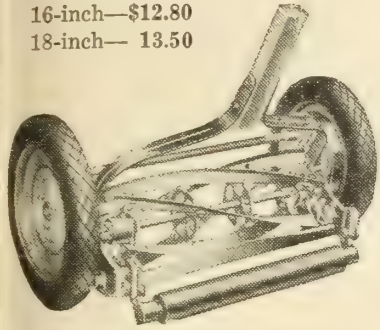


USED AS TAMPER

# LAWN MOWERS

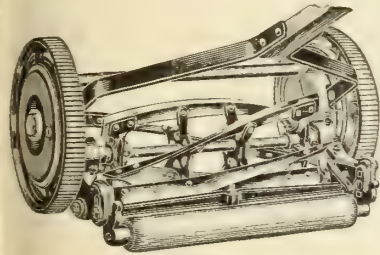
## Pacemaker Rubber Tired Lawn Mower

16-inch—\$12.80  
18-inch— 13.50



A popular-priced, high-grade lawn mower of unusual quality with modern features. It is quiet and easy running. Especially suitable for use in cities and suburbs. This mower has semi-pneumatic tires, rubber covered guard roller, and ball bearings in the roller hanger.

## Golden Arrow Mower



Built for perfect service and long wear, roller bearing wheels, ball bearing cutter, self-sharpening blade; 6-inch revolving cutter, 5 blades. 10-inch wheels. A guaranteed high quality mower.  
16-inch ..... \$11.25  
18-inch ..... 12.00

## Hollywood Lawn Mower

BALL BEARING

This lawn mower is made to meet the demand for a first-class ball-bearing machine which can be purchased at a price within the reach of all. It is made throughout of best grade material, and the workmanship is unsurpassed. The driving wheels are 8 inches in diameter and the revolving cutter has four blades, which insures fineness and evenness of cut.  
12-inch..... \$6.65    14-inch..... \$6.80    16-inch..... \$6.95

## No. 2 Grass Edger



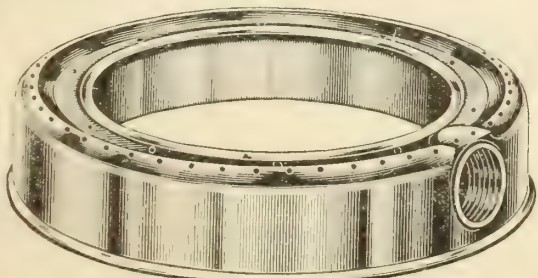
Neat, good looking lawns require that the edges be kept well trimmed. The No. 2 Edger does this work quickly, is easily handled, and should be a companion to every lawn mower. Can be used where lawns are bordered by cement, stone, or brick walks. Price, \$1.65.

CRONK LONG HANDLE EDGER. Price 75 cts.

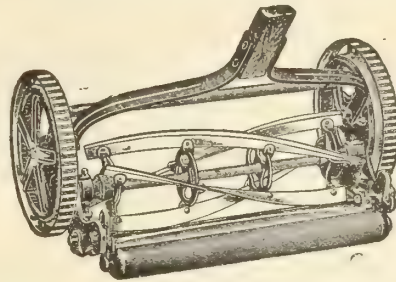
## IMPROVED RING SPRINKLER

The Heaviest All Brass Ring Sprinkler on the Market

It is so strongly crimped together that it cannot be forced apart even under the heaviest pressure. The Allen Ring throws a finely divided, well distributed spray, covers a large circle and can be conveniently moved without shutting off the water. Price 70c each.



## Metropolitan Ball Bearing Mowers

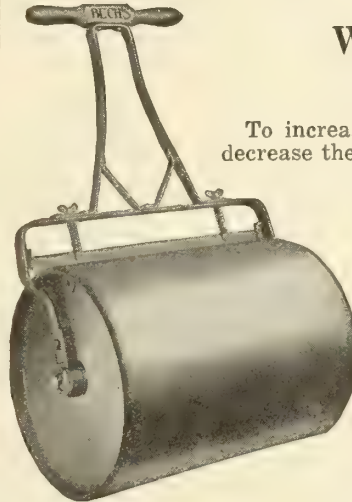


Meets the demand for a high wheel mower of highest quality at moderate price. Tool steel cutter bar of highest quality, well braced. Bed knife and bearings easily adjustable.

14-inch ..... \$7.35  
16-inch ..... 7.60  
18-inch ..... 8.00

## Water Ballast Roller

To increase the weight, add water. To decrease the weight, draw out water.



Size	Weight filled	Price
14 x 24	175 lbs.	\$11.50
18 x 24	265 lbs.	13.00
24 x 24	420 lbs.	16.75
24 x 36	566 lbs.	18.75

## Land Roller

The Buch is the most popular land roller on the market. Heavy, stiff angles are used on the sides and ends to which the steel hangers are securely bolted, and the frame is so arranged that it will carry sufficient weight to suit the requirements. Price, \$44.50.

## THE HEAVY DUTY DOUBLE ROTARY SPRINKLER

Many of the country's finest golf clubs, park commissioners, nurseymen, and cemetery associations now use and endorse this heavy duty model. It quickly puts large grass sodded areas in first class condition—keeps them that way all season long. Price, \$12.50.

## CHICAGO PORTABLE SPRAY HEAD

This sprinkler can be connected between short lengths of hose so as to cover a considerable distance. Each is furnished with a hose cap and in this way can be used on the end of a hose. Each sprinkler is furnished with an adjustment to make possible uniform sprays. The Chicago is made in white metal with brass cap and brass swivel, 5 inches long, 1 1/2 inches wide. Packed 3 in a box. Set of 3, \$1.85; each 65 cts.

Junior Whirling Nozzle Sprinkler..... \$2.00  
Ball Bearing ..... 1.75  
Dollar Revolving ..... .79  
Hose Nozzles, All Brass, 30c and 60c each

## RAIN WAVE SPRINKLERS

Just imagine an immense fan of spray waving slowly back and forth over your lawn or garden. The slender streams shoot high in the air, breaking into countless tiny drops and falling to the earth just like a gentle shower. Covers a space 50 to 60 feet square. Adjustable to cover 1/2 or 1/4 space. Weight, 17 lbs. Price, \$35.00.

Garden Hose. (See page 1.)

# Insecticides—Now Mailable



**ACME ANT-KILL.** Rid your home and premises of the embarrassing and health-injuring ant nuisance. Kill the ants in the nest. Ant-Kill syrup is sold in connection with safe patented service cups which gives protection to birds, chickens, pets and children, yet readily accessible to ants who carry the syrup back to the nest.

Attractive to Argentine and sweet-eating ants.

Prices: Junior Set—2 cups, 2 oz. syrup, 35 cts. Cottage Set—3 oz. syrup, 5 cups, 60 cts. each; 3-oz. bottles, 25 cts. each; 2-oz. bottles, 20 cts. each; 1/2 pt. 50 cts.; pt. 75 cts.; service cups, 10 cts. each.



**FOR ANTS AND RODENTS.** Magikil Jelly is sure death not only to Ants and Roaches but to Silver-fish, Rats and Mice, as well. A jelly bait, clean and easy to use—simply place small dose in infested areas. Two Sizes—35 cts. and 85 cts.

**ANTROL.** Easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Controls both sweet and grease-eating ants. Guaranteed. Proved in over a million homes. Prices—Antrol Ready-filled Set, containing 4 filled feeders, 40 cts.; Antrol Regular Set, 4 containers and 4-oz. bottle syrup—enough for two fillings, 75 cts.; Antrol Syrup for Refilling, 4-oz. bottle, 35 cts. Pint bottle, 85 cts.

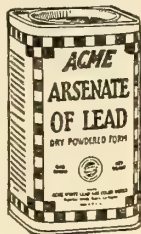


**ANTROL ANT TRAPS**..... 15 cts.

**ARSENATE OF LEAD (Dry Powdered).** Is produced under a new process. Contains at least 33 per cent arsenic. Superior to paste arsenate, stands suspension longer, and has more covering capacity. Lb. 35 cts.; 4 lbs. 90 cts.; 48 lbs. \$9.00.



**ACME APHIS SPRAY.** An improved nicotine spray combining a soft fish oil soap with Black Leaf 40, suitable for the control of all kinds of aphid (plant lice), and many more hardy insects. Mixes easily with any kind of water. Per tube, 35 cts.



## "Black Leaf 40"

**Nicotine Sulphate—40 per cent Nicotine**  
It destroys Aphis (plant lice), Thrips, Leafhoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs, also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage. Prices, 1 oz. makes 6 gals.; 1 lb. makes 80 to 250 gals.; 1 oz. 35 cts.; 5 oz. \$1.00; 1 lb. \$2.25; 2 lbs. \$3.25; 5 lbs. \$5.85; 10 lbs. \$10.60.



**BORDEAUX MIXTURE (Dry Powdered).** Twenty-two per cent copper. The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. Lb. 30 cts.; 4 lbs. 75 cts.; 48 lbs. \$7.50.



**ACME ALL-ROUND SPRAY.** One product containing—Bordeaux to combat blight, prevent leafhopper and flea beetle injury; Arsenate of Lead to kill certain chewing insects; and Black Leaf 40 to control sucking insects such as aphids, thrips and certain other soft bodied insects. 1/4 lb. 35 cts.; lb. 80 cts.

## Brown Patch Fungicides

**Nu-Green** ..... 25 lbs. \$30.00; 100 lbs. \$115.00  
**Funchex** ..... 25 lbs. \$42.00; 50 lbs. \$81.00  
**Calomel-Sublimate Mixed** ..... 25 lbs. \$39.25; 50 lbs. \$78.00  
**Calomel** ..... 25 lbs. \$41.50; 50 lbs. \$82.00  
**Semesan**—See page 75.

**CALCIUM ARSENATE.** Especially effective against Brown Patch when dusted with lime using a 1 to 7 formula. 1 lb. 25 cts.; 4 lbs. 55 cts.; 48 lbs. \$4.75.

**CARBON DISULPHIDE.** A liquid for killing weevil and grain moth. One pound treats 50 to 75 bu. 1 lb. 40 cts.; 5 lbs. \$1.50. Cannot be mailed.

**CERESAN** treats wheat, oats and rye for smut. Lb. 25 cts.; 5 lbs. \$3.00.

**COPPER SULPHATE.** Blue Stone. 1 lb. 20 cts.; 5 lbs. 60 cts.; 25 lbs. \$2.75.

**COPPERCARB.** A dry dust treatment for seed wheat to kill smut spores. 5 lbs. 90 cts.



For Greenhouse Pests

**CYANO GAS.** A modern fumigant for greenhouse or orchard use and for extermination of rodents, vermin, etc.

Cyanogas G for greenhouse, mushroom and soil fumigation.

Cyanogas A to kill ants, rats, moles, woodchucks, fleas, moths, bats, etc.

100-lb. drums, \$30.00; 25-lb. tins, \$10.00; 5-lb. tins, \$3.00; 1-lb. tin, 75 cts.; 1/2 lb. 45 cts.

Special Duster Can, 30 cts.



**fungitrogen** is an effective preventive and remedy for mildew, black spot and other fungus diseases of roses and other plants, invisible on the foliage or blooms. It is the noted Rosenbluth formula combined with the plant stimulant—**HORTOGEN**—that results in plant vigor, superb foliage and amazing bloom. 1/2 pt. 75 cts.; pt. \$1.25; qt. \$2.00; 1/2 gal. \$3.50; gal. \$6.00.

## TRI-GEN (Triple Spray Treatment)

Complete protection against plant diseases and insects. Stimulates plant growth. Highly concentrated form. Small medicine kit, \$1.50; medium, \$4.00; large, \$6.00; estate kit, \$20.00.

**ACME DAWG-GONE.** Protect that evergreen—keep dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees at the points of approach. The odor slowly emanating from the open tube will keep dogs at a distance. Mailable. Tubes—25 cts.

**DRITOMIC SULPHUR.** Recommended for the control of scab on peaches, brown rot on peaches, plums and cherries and cedar rust on apples. Directions: 5 to 7 lbs. to 50 gallons of water. 4-lb. pkg. 70 cts.; 48 lbs. \$6.65.

**DOGZOFF.** A spray that discourages dogs from the habit that are so destructive to evergreens. One spraying lasts several weeks. For season's supply, 60 cts.

## NEW EVER GREEN SPRAY

A non-poisonous contact insecticide. Kills Rose Chafers, Beetles, Cutworms, Aphid, Slug and other pests. 1 oz. 35 cts.; 16 ozs. \$1.00; 16 ozs. \$2.00; gal. \$11.00.

**FISH OIL SOAP.** Dissolved in water makes an excellent spray for scale on palms, etc. 1-lb. pkg. 30 cts.

**FLUOSILICATE DUST MIXTURE.** Acts as both a contact poison and a stomach poison. Is especially adapted for the control of Mexican Bean Beetles. 20 cts. lb.; 5 lbs. 75 cts.

# Insecticides—Now Mailable

**FORMALDEHYDE DUST.** Treats soil to prevent damping off. 1 lb. 55 cts.; 5 lbs. \$1.85.

**KAYSO** enables you to get your trees completely covered by a protective film of poison, with no unprotected spaces. Keeps the spray from washing off. 2-lb. pkg. 50 cts.

**K-O KNOX-OUT** fly spray is both an efficient killer and a repellent fly spray. It builds up a protective film on the hair which so distresses flies lighting on the cows in the pasture that they will not remain to bite and bother them. 1 gal. \$1.50; 5 gals. \$6.75.

**K-R-O KILLS RATS AND MICE ONLY.** Will rid your premises without endangering your Pets, Live Stock, Poultry, etc. Perfectly harmless to even baby chicks. It fulfills long-felt want among users of rat exterminators. 2-oz. box, 75 cts.; 4-oz. box, \$1.25, ready mixed, 6 ozs. 35 cts.; 1 ozs. \$1.00.



**LIME SULPHUR (DRY POWDER).** This preparation is scientifically prepared and is widely recommended, and known as the best preparation for San Jose Scale, Oyster Shell Scale, etc. 1 lb. 35 cts.; 5 lbs. \$1.45; 12½ lbs. \$1.75; 100 lbs. \$12.00. Get price on larger quantities.

**LIME SULPHUR SOLUTION.** 1 gal. 90 cts.; 5 gallons, \$3.60; 30-gallon drums, \$7.50; 1-gallon drums, \$9.80.

**LETHANE 440.** Controls red spider, mealy bugs, aphids, trips, etc. Price per gal. \$8.50.

**MAGNESIUM ARSENATE.**—Recommended for spraying Bean Beetles. 12-oz. can, 35 cts.; 2 lbs., 60 cts.; 100 lbs., \$24.

**MOLOGEN (Mole Killer).** Eliminates moles from your lawns. 8-oz. can, 50 cts.; 24-oz. can, \$1.25.

**PARIS GREEN.** ¼ lb. 20 cts.; lb. 50 cts.; 5 lbs. \$2.20.

**PARA-DICHLOROBENZENE.** The only effective cure for peach tree borer. Use one ounce to each tree. One treatment will absolutely eradicate the borers and will get every one. Lb. 50 cts.; 5 lbs. \$1.60.



**NICOTINE PYROX.** An Insecticide and Fungicide. Apple growers swear by this; potato growers make larger crops by its use. It does not wash off as do other poisons. It guards against all insects and prevents rots and blights. 10 ozs. 39 cts.; 1 lb. 49 cts.; 5 lbs. \$1.75; 10 lbs. \$3.00. Pyrox without nicotine, 25 lbs. \$5.00; 50 lbs. \$7.25; 100 lbs. \$15.00.

**POMO-GREEN with Nicotine.** The leaf-green rose dust spray for control of black spot, mildew and external insects. 1 lb. 75 cts.; 5 lbs. \$3.00.

**RED ARROW GARDEN SPRAY.** Especially effective against Bean Beetles, Aphids, Slugs, Rose Chafers and other insects. It is non-poisonous. Oz. 35 cts.; ¼ pt. \$1.00; pt. \$2.70; qt. \$4.25; gal. \$12.00.

**BLACK ARROW.** A Pyrethrum Dust. 1 lb. 45 cts.; 5 lbs. \$1.40.

**ROTENONE DUST.** ¾ per cent. An effective non-poisonous insecticide. 5 lbs. 85 cts.; 100 lbs. \$14.50.

**CALECIDE.** A miscible oil used as a dormant spray against Scale and other pests. Qt. 65 cts.; gal. \$1.55; 5 gals. \$5.00.

**SEMESAN.** A disinfectant for use in treating seed to promote germination and vigor of growth, as well as to kill disease carried on the seed coats. As a fungicide it is unexcelled for the treatment of brown patch in grasses, especially golf greens. 2 ozs. 35 cts.; 1 lb. \$2.25; 5 lbs. \$10.00; 25 lbs. \$45.50.

**SEMESAN JR.** A dust disinfectant for seed corn. 4 oz. 75 cts.; 1 lb. 75 cts.; 5 lbs. \$3.25.

**SEMESAN BEL.** An instantaneous dip disinfectant for seed potatoes. 4 ozs. 45 cts.; 1 lb. \$1.50; 5 lbs. \$6.75.

**HAMMOND'S SLUG SHOT.** Well known remedy for Tobacco Bugs. 1-lb. Sifter Top, 25 cts.; 5 lbs. 75 cts.



**SNAROL.** An effective bait for controlling Cutworms, Grasshoppers, Snails, Slugs and Sow Bugs. Not injurious to plants or other vegetation. 1½ lb. 35 cts.; 4 lbs. 85 cts.; 15 lbs. \$3.00.



**SULPHUR FOR DUSTING.** Per lb. 10 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.75; 100 lbs. \$6.00.

**MIKE SULPHUR (Wettable).** A new form of sulphur 15 times finer than Dusting Sulphur. May be dusted or sprayed. Very effective. 1 lb. 15 cts.; 4 lbs. 55 cts.; 10 lbs. \$1.25.

**TOBACCO DUST.** Lb. 10 cts.; 10 lbs. 50 cts.; 25 lbs. \$1.00; 100 lbs. \$2.75.

**TOBACCO STEMS.** 100-lb. bales \$1.85

**TREE WOUND PAINT.** A penetrating antiseptic paint to prevent decay after pruning. Stops tree bleeding. Qt. 60 cts.; gal. \$1.80.

## ACME ROTENONE GARDEN GUARD (A Rotenone Dust)

Here is a non-poisonous insecticide for garden and commercial use containing no arsenic or fluorine compounds. The action of rotenone is one of paralyzing. It acts slower; does not kill immediately. Excellent Bean Beetle dust and especially recommended on broccoli, cabbage, cauliflower, Brussels sprouts, string beans, currants, gooseberries, etc. A favorite with the housewife for dusting roses and flower gardens. 1 lb. 35 cts.; 4 lbs. 75 cts.; 25 lbs. \$4.25



**VOLCK.** A spray for the garden, nursery and greenhouse; effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphids, thrip, etc.; not only kills the insects but also acts as a repellent. Per ½ pt. 35 cts.; pt. 50 cts.; qt. 75 cts.; gal. \$2.00.

**WEEDEX.** Liquid weed killer. Kills all undesirable plants including poison ivy, thistle, wire grass, etc. Makes weed-free driveways, walks and tennis courts. 1 qt. 45 cts.; 1 gal. \$1.25; 5 gals. \$5.00.

**GRAFTING WAX.** Used for grafting trees and other plants. ¼ lb. 20 cts.; 1 lb. 50 cts.

**WILSON'S O. K. SPRAY,** qt. \$1.00; gal. \$3.00; 5 gals. \$12.00.

## It's wonderful what a square meal will do for growing things!

You can grow beautiful lawns and flowers as pictured in this catalog. Disappointments are most often the result of half-starving or improperly feeding your plants.

The Master Gardener says:

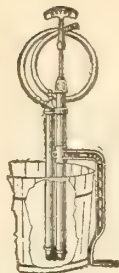
"Assure success by giving everything you grow a square meal of VIGORO."



## VIGORO Complete plant food

100-lb. bag \$4.00	10-lb. pkg. \$85
50-lb. bag 2.50	5-lb. pkg. .45
25-lb. bag 1.50	1-lb. pkg. .10

### Spray Pumps



**BRASS BUCKET PUMP ATTACHMENT, ETC.**, with 3 feet of 3/8-inch Discharge Hose and Seneca Spray Nozzle. Price, \$4.50.

**COG GEAR LEVER BUCKET SPRAYER.** Price \$6.50.  
**KNAPSACK SPRAYERS**

#### MYERS COMPRESSED AIR SPRAYER.

The tank is made of heavy galvanized iron or brass. The side walls are double seamed, riveted and soldered. The top and bottom are extra heavy material with flanged edge over which the side walls are turned and thorough soldered. Four-gallon capacity. Price, Galvanized Iron Reservoir, with Auto Pop, \$6.00; Solid Brass Reservoir, with Auto Pop, \$9.50. Extension Rods, 2-foot length, 55 cts. Myers 2 1/2-Gallon Galvanized Tank \$5.25

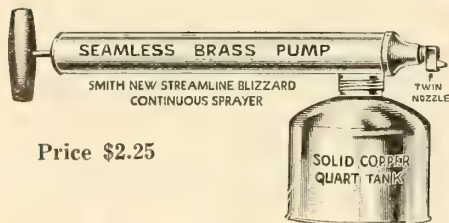
Smith Open Top Galvanized Tank, \$6.50  
Smith Open Top Copper Tank, \$9.75

### Hand Sprayers

Every one who raises chickens know how important it is to keep out vermin. Use a spray and the work is done. The illustration is of a spray that will do the work well and cheap.

#### CONTINUOUS SPRAYERS

- 1 qt., all tin..... \$0.85
- 1 qt., glass..... 1.20
- 1 qt., brass..... 1.25
- 1 qt., copper..... 2.25



Price \$2.25

### Syphon Sprayer

One-quart, heavily tinned, 35 cts.



#### MAJOR DUSTER

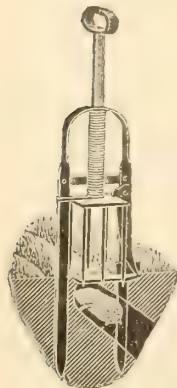
Far superior to the bellows in that it makes a much finer dust and spreads the same more evenly. Price ..... \$1.00

DUSTMASTER, Glass Container, \$1.20

### Mole Traps

The Mole causes great loss and annoyance to the growers and market gardeners. One Mole can cause the loss of an entire seed bed in a few hours. One Mole Trap will catch and destroy them. We guarantee them to work satisfactorily.

Price ..... 85 cts. each



### Barrel Sprayers

These Sprayers have Easy Operating Cog Gear Head, Mechanical Agitator, Solid Brass Ram Plunger, Ground Bevel Brass Valve and Seat, Large Air Chamber. This construction enables the operator to carry up to 200 lbs. pressure with ordinary exertion which is sufficient to supply two leads of hose satisfactorily. Adjustable Malleable Iron Base permits pump to be used in different size barrels.



- R 308. Heavy Duty ..... \$32.00
  - R 318 Standard ..... 25.00
- If wanted without barrel, take from above prices.....

### Wheelbarrow Sprayers

A most popular outfit, being strongly mounted on steel truck; can be wheeled anywhere with ease. Capacity 12 gallons.



R 336 B, equipped with heavy duty pump. Price, \$26.50.

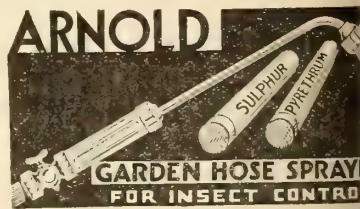
R 338 B, equipped with light pump. Price, \$18.00.

### The Arnold Garden Hose Sprayer

is a special mixing and spraying nozzle which attaches your garden hose in place of the regular nozzle. It was designed to take the hard labor out of garden spraying.

Arnold Complete Sprayer, brass finish..... \$3.50  
Arnold Combination Set ..... 5.00

Set consists of one complete sprayer and six cartridges; two P-R, two Colloidal Sulphur, one Nicotine, one Fertilizer.



### Ellisco Beetle Catchers

No. 0 size, fits on any Mason jar or similar container made of tin, 40 cts. each.

Beetle Bait. 1/4-pt. cans for use with No. 0 trap, 25 cts.

### Tree Tanglefoot

For protecting trees against climbing insect pests in a simple, economic and effective way. One application remains sticky on the trees for 3 months fully exposed to the weather. One pound will spread 8 feet long by 5 inches wide, 1/16 inch thick. Prices: 6 oz. 35 cts.; 1 lb. can 65 cts.; 5 lb. can, \$3.00; 10 lb. can \$5.65; 25 lbs. \$12.00.



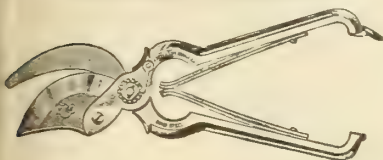


**HEDGE SHEARS**



8-1. Wiss Steel Handled.....	\$3.30
9-1. Wiss Steel Handled.....	3.85
6-1. Wood Handle, Toothed.....	1.50
9-1. Wood Handle, Toothed and Notched.....	3.00

**PRUNING SHEARS**



N. 109B Wiss.....	\$4.40
N. 609 Wiss.....	1.65
Cotiol Hand Shears, 9-in.....	.70
Fesno Pruners, 30-in.....	2.40
Bekeye Pruners, 26-in.....	1.60
St. Rous Tree Pruners.....	2.25
1 ft. Rous Tree Pruners.....	2.50
1 ft. Rous Tree Pruners.....	2.75
Curved Pruning Saws.....	1.45
Fwers Shears.....	.60

**DOO KLIP SHEARS**



D. Klip Grass Shears.....	\$1.50
Log Handle Doo-Klip.....	2.50
N 700 Wiss Grass Shears.....	1.40
Cotiol Grass Shears.....	.50
Log Handle Border Shears.....	2.50

**SICKLES**

Wiatco.....	\$ .50
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**STEEL HOES**

Sizes 6 and 8

Std Socket.....	1.20
Planters' Hoe, heavy handle, suitable for stiff ground.....	.85



**SCYTHES**

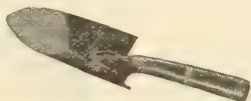
American Grass.....	\$1.75
Edmond Bush, Assorted.....	1.85
Widron, 34 in.....	2.80
Austrian Grass.....	2.35

**SNATHS**

Cent.....	\$1.70	Rings.....	\$1.90
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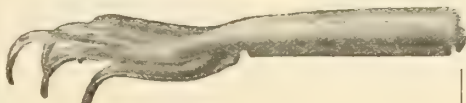
**SCYTHE STONES**

By Creek.....	\$ .20
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**TRANSPLANTING TROWELS**

Planet Jr. Bulb Trowel.....	\$ .50
Planet Jr. Wide Trowel.....	.50
Steel.....	.10
Steel Narrow.....	.10
Heavy Forged.....	.75
Hoe Trowel.....	.75
Aluminum Trowel.....	.50



Germaco

Steel Weeder.....	\$1.10
Plant Jr. Cultivator.....	.50
Germaco Lawn Weeders.....	.60
Ace Lawn Weeders.....	.75
Cronk Lawn Weeders.....	.25

**Finger Weeder**

An excellent weeder for all purposes.

3 tine.....	\$ .75
5 tine.....	1.00



**DIBBLES**

Bent Wood Handles, Steel Points.....	\$ .65
Aluminum.....	.75



**IRON AND STEEL GARDEN RAKES**

12-tooth Steel Rake.....	\$ .85
14-tooth Steel Rake.....	.90
14-tooth Steel Bow.....	1.30
16-tooth Steel Bow.....	1.35
Bamboo Rake, Wood Handle.....	.60
Broom Rake.....	1.15
Wire Rake.....	.90



**MATTOCKS, HEAVY STEEL**

Steel 6-inch Long Cutter.....	1.30
Picks.....	1.05
Handles, extra.....	.50
Potato Drags, light.....	1.15
Potato Drags, heavy.....	1.50

**ASPARAGUS BUNCHER**

Price, \$4.00

**SHOVELS, LONG HANDLES**



Special, Round Point.....	\$1.25
Ames, Round Point.....	2.35
Ames, Square Point.....	2.35

**SPADES**

Special, "D" Handle.....	\$1.70
Ames, "D" Handle.....	2.35
Boys' or Transplanting Spade.....	1.30
Nursery Spade.....	4.00

**SPADES, LONG HANDLE**

Ames.....	\$2.35
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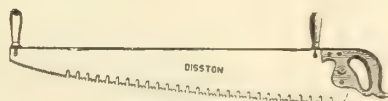
**SPADING FORKS**



"D" Handle, light.....	\$1.40
"D" Handle, heavy.....	1.70

**PITCH FORKS**

Acme, 4 tine.....	\$1.95
Regular, 4 tine.....	1.40
Long Handle, 3 tine.....	1.70



**CROSS-CUT SAWS**

3½ ft. 1-Man X-Cut Saw.....	\$2.85
4 ft. 1-Man X-Cut Saw.....	3.30
5 ft. 2-Man X-Cut Saw.....	2.55
5½ ft. 2-Man X-Cut Saw.....	2.85
6 ft. 2-Man X-Cut Saw.....	3.10

**BRUSH AXES**



2-in-1 Ax and Hook.....	\$2.50
Beatty.....	2.50
Hand Axe.....	.25

**AXES**

3½ to 5-lb., without handles.....	\$2.25
3½ to 5-lb., with handles.....	2.60

**HANDLES**

Axe Handles.....	\$ .50
Pick Handles.....	.50
Rake Handles.....	.35
Garden Hoe Handles.....	.25
4½-ft. Fork Handles, Strapped.....	.50
6-ft. Fork Handles, Strapped.....	.75
4½-ft. Shovel Handles.....	.45
D. Spade Handles.....	.50
D. Spading Fork Handles, Strapped.....	.70
D. Manure Fork Handles.....	.70
D. Shovel Handles.....	.50

### Flower Pots



	Ea.	Doz.	100
2-inch	.02½	.20	\$1.15
2½-inch	.03	.25	1.50
3-inch	.03	.30	1.95
4-inch	.04	.40	3.00
5-inch	.07	.75	5.40
6-inch	.10	1.10	8.10
7-inch	.16	1.75	13.50
8-inch	.22	2.50	19.50
9-inch	.33	3.75	30.00
10-inch	.45	5.15	40.50
12-inch	.90	9.90	82.50
14-inch	1.40	16.25	
16-inch	3.00	35.00	

### Saucers

	Ea.	Doz.	100		Ea.	Doz.	100
3-inch	.02½	.25	\$2.00	8-inch	.12	\$1.20	\$9.50
4-inch	.03	.30	2.25	9-inch	.15	1.60	12.50
5-inch	.04	.40	3.00	10-inch	.23	2.50	20.00
6-inch	.06	.55	4.50	12-inch	.33	3.75	30.00
7-inch	.08	.85	6.75				

Inside measurement. No charge for packing. 6 at doz. rate; 50 at 100 rate. Cannot mail. Freight or express extra.

### Paper Pots

	10	100	1000
2½-inch	.10	.55	\$3.60
3-inch	.15	.65	4.50
4-inch	.20	\$1.00	7.00
5-inch			9.50
6-inch			12.50

### Waterproof Paper Pots—Green

	1000	1000	
2½-inch	\$5.60	4-inch	\$10.30
3-inch	6.55	5-inch	15.60
6-inch	\$20.25		

### Dirt Bands

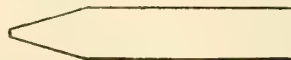
They form square bottomless pots that can be transplanted without removing plant from pot or disturbing roots. Size, 3 x 3 inches. \$4.15 per 1,000; \$2.15 per 500; 75 cts. per 100; 15 cts. per doz.

### Cedar Plant Tubs

Virginia White Cedar painted deep green and bound with three bands heavy black wire. Two larger sizes bound with broad iron bands. Handles and feet are black iron.

	Each
8-inch, without handles	\$.60
10-inch, without handles	.75
12-inch, without handles	1.00
14-inch, without handles	1.50
16-inch, without handles	1.85
14½-inch, with handles and metal feet	3.45
19 7/16-inch, with handles and metal feet	4.90

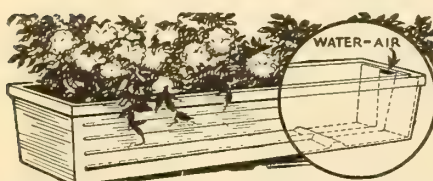
### Plant Labels



	Doz.	20	100	1000
Painted Copper Wired, 3½-in.	.10	.40	\$2.95	
4-in. Pot, Painted	.10	.35	2.15	
6-in. Pot, Painted	.10	.40	2.25	
8-in. Pot, Plain	.15	.75	6.00	
Copper Labels, Copper Wired, ¾x3¾	.25	1.60		

Stylus for above, 10 cts. each.

### Perfecto Window Boxes



Made of copper bearing steel, heavily Lead Coated. Guaranteed 5 years. Far superior to galvanized boxes. They are scientifically ventilated so that

the roots of the flowers will not rot. Made in five sizes.

20 inches long	\$1.15	32 inches long	\$1.60
26 inches long	1.40	38 inches long	2.50
44 inches long	\$3.00		



### Germaco Hotkaps

New Method of Plant Protection

Shields plants from frost, wind and rain; protects them from insects; miniature "hot-houses." One roll of a thousand, \$10.25. Steel Setter and Tamper, \$1.50; 250 Hotkaps with Papier Mache Setter and Steel Tamper, \$3.85; 100 Hotkaps with Papier Mache Setter and Steel Tamper, \$2.65. 25 Hotkaps, 50 cts. Postage or express extra. Write for quantity prices and pamphlet.

### Hot Bed Sash

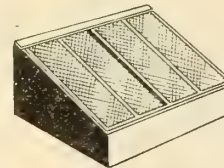
Made of the best white pine. Unglazed and not painted. Size 3 feet 2 inches by 6 feet. Four rows 8-inch glass. \$1.75 each.

GLASS, per box—\$3.75.  
MATS—76 x 40, \$1.95; 76 x 76, \$3.85.

### Glazing Putty

Duroplastic Black—Gal. \$1.85. English Glazing—Gal. \$2. Putty Gun \$6.

### Cel-O-Glass



A Transparent Flexible Glass Substitute—Will Not Break or Rot. CEL-O-GLASS sashes for cold frames and hot beds.

Get earlier vegetables and flowers. Per square foot, 15c; full rolls of 25 or 100 feet, 13½c per square foot.

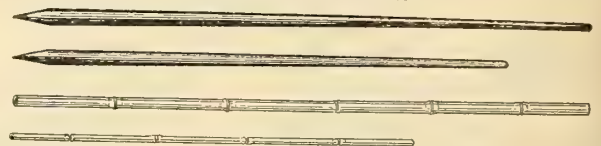
### Metal Flower Pots

Rustic finish, made of copper alloy metal, guaranteed 5-year service.

	Each	Doz.
5-in. Pot with Saucer	\$.25	\$3.00
6-in. Pot with Saucer	.30	3.60
8-in. Pot with Saucer	.40	4.80
9-in. Pot with Saucer	.50	6.00
10-in. Pot with Saucer	.75	9.00
12-in. Pot with Saucer	1.00	12.00



### Plant Stakes



	Ea.	Doz.	100
3-ft. Wood	.07	\$.60	\$4.50
4-ft. Wood	.10	1.00	7.50
6-ft. Wood	.15	1.65	12.50
2-ft. Bamboo, light	.01½	.10	.50
3-ft. Bamboo, light	.02	.15	.60
4-ft. Bamboo, heavy	.05	.45	2.75
6-ft. Bamboo, heavy	.06	.60	4.00
8-ft. Bamboo, heavy	.08	.75	5.00

### Time-Saver Adjustable Plant Supports

Made of heavy wire and cord. Adjustable for both height and diameter.

	Ea.	Doz.
No. 2—3 ft. high	.10	\$1.15
No. 3A—4 ft. high	.20	2.20
No. 4—5 ft. high	.25	2.75

PEONY SUPPORTS, 30 cts. each; \$3.00 doz.

### Raffia

For tying asparagus, also used extensively for tying plants to stakes.

Natural, 1 lb., 35 cts.; 5 lbs., \$1.65  
Green Dyed, 1 lb., 75 cts.

# Lōma

THE PERFECT PLANT FOOD

for Everything Green that Grows



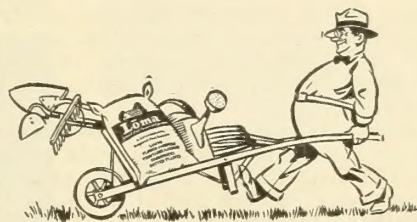
**★ COMPLETE AND 100% EFFECTIVE**

In addition to LOMA'S scientifically balanced ration of Nitrogen, Phosphoric Acid and Potash, it contains Manganese, Magnesium, Calcium, Sulphur, Iron, Zinc, Boron, Chlorine, Carbon, Aluminium, Titanium, Sodium, Chromium, Copper and other Elements essential to plant growth.

## Famous for Quality

Your garden and lawn need an easily digested and lasting diet if they are to repay your efforts and live up to your expectations—and the *best* food you can give them is LOMA. Feed LOMA, and in a short time your lawn will become a closely-woven carpet of rich, emerald-green . . . your flowers will be more colorful and longer-lasting . . . your vegetables will be meatier and more flavorful . . . your fruit trees will yield more abundantly . . . and your shade trees will be healthier and more handsome. LOMA not only contains the three essentials—Nitrogen, Phosphoric Acid, and Potash—but all of the essential rarer elements as well.★ Every ounce of LOMA is readily absorbed and digested by the plant roots. LOMA is clean, odorless, economical . . . easy to use, handle or store. Insure your lawn and garden an even, sturdy growth throughout the season by feeding *America's finest plant food*—LOMA.

100 lb. bag	.....	\$4.00
50 lb. bag	.....	2.50
25 lb. bag	.....	1.50
10 lb. bag	.....	.85
5 lb. can	.....	.45
1 lb. can	.....	.10



## SOIL PREP

A HUMUS and FERTILIZER

Soil-Prep is approximately ten times as effective as the average barnyard manures; is entirely free from weed seeds, contains no filler and does not have an unpleasant odor.

5-lb. bag	.....	\$ .30
10-lb. bag	.....	.50
25-lb. bag	.....	1.15
50-lb. bag	.....	2.00
100-lb. bag	.....	3.50

## SPREADERS

FOR APPLYING PLANT FOOD EVENLY ON YOUR LAWN OR GARDEN. SEE PAGE 72.

## Hyper-Humus

NATURE'S OWN SOIL ENRICHER

This is rich soil humus that has been aerated, sweetened and composted, making it an ideal top dressing for lawns and flower beds; makes heavy soils light and porous, light soils heavy, just what you need to promote plant and lawn development at the seashore; gives immediate and permanent effects wherever used. No odor; no weeds.

For lawns use 200 lbs. to 1,000 sq. ft.; for vegetables and flowers spread about one inch thick. It will work wonders. 1 lb. 10 cts.; 5 lbs. 20 cts.; 10 lbs. 30 cts.; 25 lbs. 50 cts.; 100 lbs. \$1.75; ton \$25.00.

**Nitrophoska-15-30-15.** A lightly concentrated complete fertilizer—all of it is soluble and easily available for rapid sturdy growth. 1 lb. 25 cts.; 5 lbs. 90 cts.; 10 lbs. \$1.50; 25 lbs. \$2.75; 50 lbs. \$4.75.

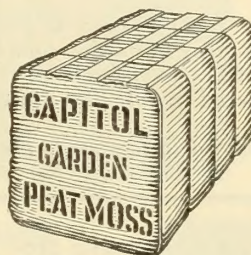
**Floranid. (Urea.)** Floranid is a very rich nitrogen fertilizer (46 per cent nitrogen) used during the growing season to obtain more rapid growth, richer color of foliage and greater brilliancy of bloom. 1 lb. 25 cts.; 5 lbs. 90 cts.; 10 lbs. \$1.50; 25 lbs. \$2.75; 50 lbs. \$5.00.

GIVE YOUR SOIL WHAT IT NEEDS TO MAKE THINGS GROW

Use a Fertilizer that combines natural humus and organic matter with natural plant food. One that actually makes available and useful a great amount of fertility lying dormant and inactive in the soil.



## Peat Moss



Finely granulated, thoroughly dried material of good quality. The dependable source of necessary organic matter (humus) in the soil. Free from weed seed and injurious bacteria. Maintains proper moisture content in soil, improving the condition of the soil; for propagating benches, and where layering is practiced; for leveling greenhouse benches in place of sand or ashes; in potting soil; for storing bulbs and tubers over dormant season; mulching flower and vegetable beds, evergreens, roses, shrubs, etc. For making lawns and keeping them in condition and for many other purposes.

1 bale will cover approximately	250 Sq. Ft.	125 Sq. Ft.	80 Sq. Ft.
	1 Inch Deep	2 Inch Deep	3 Inch Deep

Standard size bales, burlaped and protected by wooden slats, wire bound. Size about 20 x 22 x 40 inches, approximately 12 cubic feet, \$3.00.

## FULTON'S Plantabbs

are small white odorless tablets. A complete properly balanced fertilizer guaranteed the high analysis of nitrogen 11%, phosphoric acid 15%, potash 20%, are water soluble, dissolves quickly, giving immediate fertilization. Ideal for house plants where smelly fertilizer cannot be used but equally good for all garden planting, especially roses. 30 Tablets 25 cts.; 75 Tablets 50 cts.; 200 Tablets \$1.00; 1,000 Tablets \$3.50.

**WIZARD BRAND PULVERIZED SHEEP MANURE AND WIZARD BRAND SHREDDED CATTLE MANURE.** These are particularly efficient materials for making up the compost supply. They are used in this way by many florists who have limited space and who cannot mix their compost in the old way. They act quickly, have a better effect on the soil, and are much more easily handled. WIZARD BRAND fertilizer's all natural plant food and humus make better soil and better crops. No matter what you grow—fruit, vegetables and grain, or just flowers and grass about the home—WIZARD BRAND "Makes Nature Hustle," and builds up your soil at the same time. Price: 10 lbs. 40 cts.; 25 lbs. 80 cts.; 50 lbs. \$1.50; 100 lbs. \$2.50.



## BOLGIANO'S GOLD TAG FERTILIZERS

*And Now Streamlined!*



We hardly know whether it is more appropriate to compare the interest in the new streamline trains with the tremendous popularity of Gold Tag Fertilizers or to liken the new trains to the improvements we have planned for these fertilizers this year. We are choosing, however, the latter.

We have already endeavored to give you something better than you have had before.

We have carefully worked out what we have believed to be the best formulas for your crops. Those important minor elements are present as well as the guaranteed major elements of plant food. But this is not all. Special machinery has now been installed to grade to size perfectly every pound that is sold. All strings and every kind of foreign matter is carefully removed. For you this means a fertilizer that will flow easily through your drill; that will not clog the most delicate machinery. That's why we say, "And Now Streamlined."

**GOLD TAG 6-6-5** has been built especially for the truck farmer. It will grow the finest vegetables, and is especially desirable for early truck crops. Contains 6% Nitrogen, 6% Phosphoric Acid, 5% Potash.

**GOLD TAG 4-8-5** is a medium priced fertilizer that will give you splendid potato crops and will be found useful on many other crops. Contains 4% Nitrogen, 8% Phosphoric Acid, 5% Potash.

**GOLD TAG 2-9-5** is a splendid analysis for grains of all types. Wherever moderate priced goods are wanted, it will be popular. Contains 2% Nitrogen, 9% Phosphoric Acid, 5% Potash.

**GOLD TAG 8-5-2.** For the starting of a tobacco or other plant beds, this is especially built. It will produce just the type of sturdy plants needed to give you the proper start for your field crops. Contains 8% Nitrogen, 5% Phosphoric Acid, 2% Potash.

**GOLD TAG 4-8-12** has been designed especially to grow tobacco crops with the maximum of bright, high priced leaf. Your tobacco returns will show the wisdom of using this fertilizer. The potash content is from sulphate of potash. Contains 4% Nitrogen, 8% Phosphoric Acid, 12% Potash.

**BONE MEAL.** Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 lbs. per acre. Price: 10 lbs. 40 cts.; 25 lbs. 80 cts.; 50 lbs. \$1.50; 100 lbs. \$2.50.

**SULPHATE OF AMMONIA.** This material will stimulate growth almost immediately. Analysis: 20.57% Nitrogen. 100 lbs. \$2.85.

**NITRATE OF SODA** Promotes rapid growth of green material. Contains 15.5% Nitrogen. 100 lbs. \$2.45.

We are also prepared to furnish other brands of complete fertilizers; also 16% and 20% Superphosphate, Fine Ground Raw Bone Meal, Sulphate of Potash, Fine Ground Animal Tankage, Muriate of Potash and many others.

*Gold Tag Fertilizers are registered in both the States of Maryland and Virginia and are subject to their inspections and tests.*

*Gold Tag Fertilizers are guaranteed to test up to the analysis shown on each and every bag.*

**GOLD TAG SPECIAL TREE FOOD.** A scientifically prepared fertilizer that will give your shade trees the needed plant food to insure healthy growth. 5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

**BLOOD MEAL—FOR ROSES.** For the best results with Roses, a tablespoonful to be sprinkled around the bush, about one inch away from the bush, every two weeks. It is also very valuable as a top-dressing in the vegetable garden, flower garden, around house plants, trees and in hot houses. 1 lb. 15 cts.; 3 lbs. 40 cts.; 5 lbs. 65 cts.; 10 lbs. \$1.00.

**ALUMINUM SULPHATE.** Used to make soils acid. Especially recommended for growing Rhododendrons, Mountain Laurel, Azaleas and other shrubs for which it is necessary to approximate the acid soil conditions, their natural habitat and such as is generally the case in virgin forests where these shrubs grow wild. Lb., 15c; 5 lbs., 50c; 10 lbs., 75c.

**COTTON SEED MEAL.** Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. Lb. 10c; 2 lbs. 15 cts.; 10 lbs. 40 cts.; 25 lbs. 90 cts.

**HYDRATED LIME.** Unexcelled for sweetening sour land and soil. Can be broadcast and harrowed in, or mixed with the soil. For dusting of plants and trees, Hydrated Lime is one of the best materials to mix with the insecticide. It is used also as a deodorizer and for making whitewash. 10 lbs. 20 cts.; 50-lb. paper sack 60 cts.; 1 ton, write for prices.

**PULVERIZED LIMESTONE.** A very finely ground lime. Not as fast as Hydrated Lime but lasts in the ground over a longer period. 80-lb. sack, 75 cts.

**LUMP LIME.** Used for whitewashing and disinfecting. Lb. 2 cts.; 180-lb. drum, \$2.60.

**Land Plaster.** (Ground Gypsum) Should be more widely used for deodorizing manure piles. When used for this purpose it also stops the loss of plant food.

Plaster is also widely used for mixing with insecticides for dusting plants, having been used for many years with Paris Green on potatoes. 50-lb. paper sack, 50c; 100 lbs. 90c; 1 ton, \$15.00; f.o.b. Washington, D. C.

**Salt.** Fine Salt, 50 lbs. 75 cts.; 100 lbs. \$1.15. Ground Alum (coarse or ice cream salt), 100 lbs. \$1.25. Rock Salt (for stock feeding), 100 lbs. \$1.50. Rock Tombstones (50-lb. block), 80 cts. each.

**ADCO** is a powder which, when mixed with almost any non-woody vegetable waste, such as leaves, vines and weeds, and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc.

150-lb Bags (enough for making 3 tons of manure).....	\$10.50
25-lb. Bags (enough for making ½ ton of manure)....	2.00
7½-lb. Packages .....	1.00

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



**Now Grow These Fascinating Ornamental Gourds**

With their delightful odd and curious fruits. Packet 10c, ounce 15c



**New Bedding Petunia Flaming Velvet**

The Gold Medal Winner of 1936. Price per packet ..... 15c



**Annual Larkspur, Tall Double Stock-Flowered**

Makes a beautiful mass of gay colors of blue, rose, lilac, pink and white that lasts all summer.

Packet 5c, half ounce 15c.

**Our "Beauty" Special**

One packet each of these six varieties for

**50c, postpaid.**



**Nasturtiums GLORIOUS DOUBLE GLEAM HYBRIDS**

Another recent winner of the Award of Merit because of its superiority in the Nasturtium family.

The color range includes shades of salmon, golden yellow, orange, scarlet, cerise, cream-yellow, maroon, etc.

Packet 10c, ounce 15c.

**Lovely Flowers That Will Enable You to Enjoy a Garden of Beauty All Summer**



**MARIGOLD GIGANTEA, SUNSET GIANTS**  
They Look Like Chrysanthemums  
Often measuring 5 to 7 1/2 inches across.  
Price per packet ..... 15c



**Morning Glory, Clarke's Mammoth Heavenly Blue**

Excellent for walls, trellises, and porches. A real sensation. Price per packet ..... 10c

# BOLGIANO'S *ZINNIAS*



## Zinnia, Navajo

A new 1938 All-America selection. They look like double Gaillardias. Price per packet . . . . .20c

Newer Varieties That Blossom All Summer

Everybody Loves Them

## Special Offer

One large packet of each, a 95c value for

**75c** postpaid.

Plant This Family Group of Six Distinct Varieties



## Giant Dahlia-Flowered Zinnia

These are the ever-popular large flowering Zinnias that often measure 4 to 5 inches in diameter. Price per packet . . . . .10c



## Zinnia, Stardust

A rich deep golden yellow. Plants 2½ to 3 ft. high. Very graceful. Price per packet . . . . .20c



## POMPON or LILLIPUT ZINNIA

These lovely little flowers are excellent because of their pastel shades for bouquets. Price per packet . . . . .10c



## ZINNIA - SCABIOUS FLOWERED

They resemble the annual Scabiosa. Price per packet . . . . .15c



## Zinnia Linearis

A lovely shade of golden orange with a delicate yellow stripe. They bloom when the plant is only 6 inches high. Price per packet . . . . .20c

**F. W. BOLGIANO & COMPANY . WASHINGTON, D. C.**  
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